

CURRICULUM VITAE FOR WILLIAM L. HAVICE

PROFESSOR EDUCATIONAL & ORGANIZATIONAL LEADERSHIP DEVELOPMENT

ADDRESS: 316 Tillman Hall
Clemson University
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EDUCATION: *Doctor of Philosophy* - Curriculum & Instruction
Instructional/Educational Technology and Computer Education
Kansas State University, Manhattan, Kansas

Specialist in Education - Technology Education
Visual Communications
Pittsburg State University, Pittsburg, Kansas

Master of Science - Industrial Education
Fort Hays State University, Hays, Kansas

Bachelor of Science – Industrial Arts
Fort Hays State University, Hays, Kansas

AREAS OF EXPERTISE WITHIN DISCIPLINE:

Adult Education

- Human Resource Development (HRD)

Communication Systems

- Manual and computer-aided drafting – engineering and architectural
- Electronic communication-desktop publishing and digital photography
- Graphic communication-photo offset lithography, screen process printing, relief printing, and photography

Instructional/Educational Technology

- Distance and distributed learning environments

- Interactive multimedia and hypermedia
- Computer education
- Interactive system design
- Instructional materials development

Leadership Development

- Clemson University Student Affairs & College of Health, Education, and Human Development Leadership Certificate

<http://www.clemson.edu/hehd/departments/leadership/index.html>

- 21st Century Leadership Academy - International Technology and Engineering Educators Association

<http://www.iteea.org/Activities/AwardsScholarships/Awards/621.aspx>

Technology and Engineering Education

- Material processing - woods, metals, plastics
- Technological literacy
- Integrative science, technology, engineering and mathematics (STEM) education

PROFESSIONAL EXPERIENCE and ACADEMIC APPOINTMENTS:

Professor of Educational & Organizational Leadership Development, Clemson University, Clemson, SC	August 2015 – Present
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Administrator of HEHD/SA Leadership Certificate Program – series of three, three credit hour courses	August 2008 – Present
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Associate Dean for Academic Support Services and Undergraduate Studies, College of Health, Education, and Human Development (HEHD), Clemson University, Clemson, SC	July 2001 – August 2015
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Major responsibilities include organizing and supervising programs and personnel throughout HEHD that provides academic support services for the College including:

- Student services and academic advising, including admissions and related activities;
- Undergraduate studies;

- Information technology (IT) resources, facilities, and operations;
- Public relations and communications;
- Publisher of *The HEHD Leading Edge Magazine*, produced annually 2007 – 2015;
- Coordinator HEHD/SOE Honors and Awards activities;
- Media and library resources;
- Continuing education;
- Classified staff support; and
- By-laws of HEHD.

Professor and Coordinator of Technology and Human Resource Development, Clemson University – Clemson, SC 2000 – 2001

- Responsible for teaching in and coordinating the Technology and Human Resource Development programs - developing course materials, syllabi, lectures, learning activities and supervising practicum/internship students, course scheduling

Professor of Technology and Human Resource Development, Clemson University - Clemson, SC 1996 - 2000

Professor of Technology Studies Fort Hays State University - Hays, KS 1995 - 1996

Associate Professor of Technology Studies Fort Hays State University - Hays, KS 1989 - 1995

Visiting Professor University of Nebraska – Kearney, Kearney, NE Summer 1989

Assistant Professor of Industrial Education Fort Hays State University - Hays, KS 1984 - 1989

Instructor of Industrial Education Fort Hays State University - Hays, KS 1979 - 1984

Resident Manager and Assistant Wrestling Coach, Fort Hays State University Hays, KS 1978 – 1979

- Managed a residence hall with 700 women; supervised staff; planned educational and social programs; and counseled individual students
- Assistant FHSU wrestling coach; NAIA regional champions and 7th place NAIA national team finish

Industrial Education Instructor 1977 - 1978

Morenci High School - Morenci, AZ

- Developed and maintained a metal processing classroom and lab
- Head high school wrestling coach
- Created a new wrestling program for 5th - 8th graders, including an end of the season tournament
- Head freshman football coach, one loss in seven games

Other Related Experience:

Construction Supervisor & Draftsman - Rainbo Builders, Hays, KS 1977- 79

Frameman, Bell Telephone Co. - Hays, KS 1976

Carpenter's Assistant, Rhoades Construction Co. – Goodland, KS 1975

Groundman, Rock Island Railroad - Chicago, IL 1974

Consultant:

PreK-20 - Integrative STEM Education 2006 – Present

Sonic Foundry – Mediasite, Rich Media Implementation 2003 – Present

Rich Media Implementation, Department of Medicine, 2008
Medical University of South Carolina, Charleston, SC

Rich Media Implementation, Department of Nursing, 2007
Orangeburg - Calhoun Technical College, Orangeburg, SC

Reviewer, National Council for the Accreditation of 2000 – 2015
Teacher Education/International Technology Education
Association/Council on Technology Teacher Education
accreditation folios – Average two per academic year

National Council for Accreditation of Teacher Education 2000 – 2006
Board of Examiners (NCATE) Member
(Visits to: Florida, Kentucky, Michigan, Illinois, South Carolina, South
Dakota, Ohio, New York, Maryland, New Jersey)

Consultant on creating a Virtual Advising System (VAS), Fall 2003
University of West Florida

Consultant on creating a Virtual Advising System (VAS), University of California at Los Angeles	Fall 2003
Consultant on creating an assessment tool for on-line course evaluation, Texas State University, San Marcos, Texas	Summer 2003
NCATE Board of Examiners Review Team (State Representative) – South Carolina	2001
International Technology Education Association/Center to Advance the Teaching of Technology and Science Professional Development Workshop Series Developer and Presenter	1999 – Present
SMART - Subject Matter Alliance Resource Team, New Brunswick Community College Miramichi, Distributed Learning Centre, Miramichi, Canada	1999
Consultant on distance education to the Subject Matter Alliance Resource Team (SMART)	Summer/Fall 1999
Beta tester of SMART pilot project, NBCC, Miramichi, Canada	Summer 1999
Technology Enhancement Center Program Presenter, “Communication Technology” Central Connecticut State University, New Britain, CT	March, 1998 and February, 1999
International Technology Education Association Leadership Team Member	1998 - Present
Educational Technology and Technology Education - FHSU Nursing Department HyperCard Applications for instructional delivery - USD #489 Computer Technology Into the Classroom - Guildford Technical Community College, Jamestown, NC, Classrooms of the Future - Central Elementary School, Central, SC - HyperStudio Applications	1991 – Present
Computer Aided Drafting (CAD) - Adronics/Elrob - CAD, Geometric Dimensioning and Tolerancing, Hays, Kansas - Wheelchairs of Kansas - CAD. Ellis, Kansas - Kaiser Machine Products - CAD, Palco, Kansas - MAMTEC - Kansas - CAD, Hays, Kansas	1984 - 2000 1995 1994 - 1995 1994 - 1995 1994

House Construction	1981 - 1996
Screen Process Printing	1981 - 1996
Molly Manufacturing Facility Planning, Lorraine, Kansas	1991 – 1994

ACADEMIC SELF-IMPROVEMENT BEYOND DEGREE:

SCASA Technology Leaders’ Roundtable Meeting, Columbia, SC	November 2015
Taking Educational Video to the Next Level, Kaltura Webinar Online	December 2015
International Technology and Engineering Education Association STEM Center for Teaching and Learning Engineering byDesign, Fall Leadership Forum, Herndon, VA	September 2015
International Technology and Engineering Education Association STEM Center for Teaching and Learning Engineering byDesign, FocalPoints Project, Herndon, VA	September 2015
Medical 3D Printing and Additive Manufacturing Webinar, Stratasys World Wide, Prairie, MN	September 2015
7 th Annual American Society for Engineering Education Workshop on K-12 Engineering Education, Louisville, KY	June 2010
What Administrators Need to Know About Blackboard Learn, Clemson University	April 2010
Scientific Computing Solutions Seminar, Clemson University	April 2009
International Technology Education Association STEM Center for Teaching and Learning Engineering byDesign, Fall Leadership Forum, Herndon, Virginia	2009
Workshop: Critical Thinking, Motivation, and Retention: Helping Students Develop Academic Passion	2008
Workshop: Teaching and Learning in the 21 st Century, Clemson University	October 2008

Workshop: The Practical Professor, Clemson University	October 2008
The ePortfolio Puzzle: A Fresh Perspective, Office of Teaching Effectiveness and Innovation Faculty Training Course, Clemson University	2007
Top 10 Tips and Techniques for Using Handhelds and Smartphones, International Society for Technology in Education	January 2007
Microsoft Outlook 2007 with Microsoft Exchange 2003 Level 1 – Basics, Clemson University	2007
Microsoft Outlook 2007 with Microsoft Exchange 2003 Level 2 – Advanced, Clemson University	2007
Distributive Training Technology Project Training (two-way interactive videoconferencing)	2001 and 2006
Focus on the Freshman Year Colloquium, Clemson University	2006
Workshop: Active and Interactive Learning with Electronic Communication, Clemson University	2005
Workshop: Digital Photography as Teaching Tool, Clemson University	2005
Workshop: Making Your Course Documents More Readable, Clemson University	2003
Laptop Pedagogy Symposium, Clemson University	2003
The Clemson Digital Portfolio Workshop, Clemson University	2003
Participated in the Developing a Comprehensive Faculty Evaluation System Workshop, Clemson University, Featured Presenter: Raoul A. Arreola, PhD.	2002
Retreat for Department Chairs and School Directors, Clemson University	2002 – 2008
NCATE Board of Examiners Training, Washington, DC	2001
Digital Editing Workshop, Clemson University	2001
Participated in the Technical Foundation of America's	2001

Marketing Technology Education Workshop, Grand Hotel, Stockholm, Sweden	
Participated in the Technical Foundation of America's International Technology Education Forum, Grand Hotel, Stockholm, Sweden	2001
Processes and Considerations for Wireless Delivery of E-Learning: Networks, Web-Ready Portable Devices and E-Books Workshop	2001
Clemson University Standards Analysis Project, Furman University	2001
Intermediate WebCT Workshop , Clemson University	2001
NCATE Board of Examiners Training, Covington, Kentucky	2000
Strategies for Assessing Student Learning, Center for Professional Communication, Clemson University	2000
Strategies for Assessing Student Learning, Center for Professional Communication, Clemson University	1999
International Technology Education Association New Board Member Training, Reston, Virginia	1999
Developing Students' Oral Communication Competencies in the Classroom, Center for Professional Communication, Clemson University (Two one-day long workshops)	1998 - 1999
Various Faculty Development Workshops (Instructional Technology) Clemson University, DCIT	1996 – 1999
Participated in the Technical Foundation of America's Study Tour of China	1998
Learning styles: A “Sensational Approach” Workshop, Clemson University	1998
Clemson University College of Health, Education, and Human Development Research Workshop	1998
International Technology Education Association Center to Advance the Teaching of Technology and Science	1998

Professional Development Training	
University Online (UOL) Web Course Authoring Workshop, Clemson University	1998
PowerPoint: Advanced Features, Clemson University	1998
Multimedia Authoring Workshop, Clemson University	1997
Focus on South Carolina, Clemson University	1997
Fred Pryor Seminar - Microsoft Office	1997
WWW Discussion, Clemson University	1997
Using Technology in Classroom Teaching The University of North Carolina at Chapel Hill	1997
New Faculty Development Workshops	1996 - 1997
Mediated Class Training, Fort Hays State University	1996
Various Faculty Development Workshops (Instructional Technology) Fort Hays State University, Center for Teaching Excellence and Learning Technology (i.e. Windows Basics, PowerPoint, Mediated Classroom Training, Internet)	1979 - 1996
Anchored Instruction Multimedia (AIMM) Workshop Indiana University, Bloomington, IN	May, 1995
Anchored Instruction Multimedia (AIMM) Institute Vanderbilt University, Nashville, TN	June, 1994
Anchored Instruction Multimedia (AIMM) Workshop Indiana University, Bloomington, IN	May, 1994
Multimedia Training IBM, Eduquest Educational Specialist Training with Linkway Live	1993
Judge for TECA Communications Competition, International Technology Education Association, Indianapolis IN	1990
Wedding Photographer	1982 - 1996
Judge for Industrial Arts Fair, Pratt Junior College	1989

Computer Operation Training	1986
Judge for Industrial Arts Fair, Kearney State College	1983 - 1985
Computer Aided Drafting and Manufacturing:	
- Huntington Beach, CA	1984, 1988
- North Texas State University, Denton, TX	1986
- Niceville Junior College, Niceville, FL	1984
- Kansas City, KS	1984

TEACHING

Courses Taught at Clemson University (1996 - Present):

THRD 180 Introduction to Technical Drawing and Computer Aided Drafting
THRD 280 Communication Technology I
THRD 371 Managing the Technology Education Laboratory
THRD 410/610 Selected Topics
THRD 472 Instructional Technology
THRD 484/684 Communication Technology II
THRD 486/686 Instructional Media Development
THRD 492/692 Advanced Projects
VTED 810 Foundations of Vocational and Technical Education
HRD/CTE 860 Instructional Materials Development
HRD/CTE 895 Special Problems – Interactive Systems Design
HRD/CTE 895 Special Problems I
HRD/CTE 896 Special Problems II
HRD/CTE 897 Applied Research and Development
VTED 991 Doctoral Dissertation Research
NURS 851 Educational Technology for the Nurse Educator
HEHD 4000, 4001 Introduction to Leadership Theories and Concepts
HEHD 1990 Creative Inquiry I

Courses Taught at Fort Hays State University (1979 - 1996):

TECS 101 Visual Communications
TECS 103 Engineering Drafting I
TECS 105 Fundamental of Graphic Communications
TECS 110 Communication Systems
TECS 200 Engineering Graphics
TECS 300 Engineering Drafting II
TECS 310 Manufacturing Graphics
TECS 318 Computer Aided Drafting
TECS 322 Architectural Technology
TECS 350 Screen Process Printing
TECS 355 Introduction to Computer Aided Drafting
TECS 415 Construction Graphics
TECS 505 Industrial Drafting Techniques and Problems
TECS 506 Special Topics: Visual Communications
TECS 506 Special Topics: Computer Aided Drafting
TECS 506 Special Topics: Industrial Tour
TECS 550 Visual Communications – Color Photography

TECS 510 Computer Aided Drafting
TECS 706 Special Topics: Industrial Tour
TECS 706 Special Topics: Computer Aided Drafting
TECS 710 Computer Aided Drafting
CUIN 775 Hypermedia/Multimedia for Educators
CUIN 775 Seminar in Education: Technology Applications in Education
SPED 810 Technology for Special Education

ADVISING:

Fort Hays State University - 1979 - 1996:

- Averaged 20 undergraduate advisees per year
- Served on numerous Master's Degree Committees

Clemson University - 1996 - Present:

- Average 25 undergraduate advisees per year, 1996 - 2001
- Served on 25+ Master's Degree committees per year, 1996 - 2001
- Served on 30+ Doctoral Degree committees, 1996 - present
- Chair of four Doctoral Students' committees
- Advised Doctoral Students to completion:

Dissertation title: "The Effect of Orthographic Projection Instruction on The Cognitive Style of Field Dependence - Independence in Human Resources Development Graduate Student's", May, 1998.

Dissertation title: "Attitudes and Reactions of Graduate Students Toward Two-Way Audio/Video and WEBCT in Teaching of Multicultural Counseling Course", December, 2001.

RESEARCH/SCHOLARSHIP

GRANTS:

- *Havice, W.L. & Havice, P.A. (2015). AdvanceSC Grant, *The Anderson, Oconee, Pickens Institute on Integrative Science, Technology, Engineering, and Mathematics (STEM) Teaching and Learning*. (\$40,000.00)
- *Havice, W.L. (2012-13). Intergovernmental Personnel Act, NASA Johnson Space Center and Clemson University (COL Forrester served as Adjunct Professor at Clemson University in the College of Health, Education, and Human Development working to provide vision and leadership to the State of South Carolina on integrative science, technology, engineering and math education. (\$200,000.00+)
- *Havice, W.L. (2012). AdvanceSC Grant, *The Anderson, Oconee, Pickens Institute on Integrative Science, Technology, Engineering, and Mathematics (STEM) Teaching and Learning*. (\$48,900.00)
- *Havice, W.L. & Havice, P.A. (2011). *Partnership for rich media development: Rich media coordinator*. Clemson University, College of Health, Education, and Human Development and SC Army National Guard. Personnel for Technical Support. (\$21,000.00)
- *Havice, W.L. & Havice, P.A. (2011). *Partnership for rich media development: Rich media coordinator*. Clemson University, College of Health, Education, and Human Development and SC Army National Guard. Personnel for Technical Support. (\$3,500.00)
- *Havice, W.L. (2010). AdvanceSC Grant, *The Anderson, Oconee, Pickens Symposium on Integrative Science, Technology, Engineering, and Mathematics (STEM) Teaching and Learning*. (\$48,900.00)
- *Havice, W.L. & Havice, P.A. (2010). *Partnership for rich media development: Rich media coordinator*. Clemson University, College of Health, Education, and Human Development and SC Army National Guard. Personnel for Technical Support. (\$21,000.00)
- *Havice, W.L. & Havice, P.A. (2009). *Partnership for rich media development: Rich media coordinator*. Clemson University, College of Health, Education, and Human Development and SC Army National Guard. Personnel for Technical Support. (\$3,500.00)

- *Havice, W.L. & Havice, P.A. (2008). *Partnership for rich media development: Rich media coordinator*. Clemson University, College of Health, Education, and Human Development and SC Army National Guard. Personnel for Technical Support. (\$21,000.00)
- *Fahey, D., Nesbitt, B. J., Havice, W.L., & Marshall, J. AdvanceSC Grant, 2008
The School District of Pickens County Symposium on Teaching and Learning Science, Technology, Engineering and Mathematics Standards for the 21st Century. (\$50,000.00, Not funded)
- *Havice, W.L., Gunby, R. & Marshall, J. AdvanceSC Grant and 2007
Partnership for Academic and Career Education (PACE), Tri-County Technical College, *The Anderson, Oconee, Pickens Symposium on Teaching and Learning Science, Technology, Engineering, and Mathematics Standards for the 21st Century*. (\$46,200.00)
- *Havice, W.L., & Havice, P.A., Partnership for Rich Media Development 2007
Clemson University, College of Health, Education, and Human Development and Sonic Foundry. Software and Technical Support. (\$12,000.00)
- *Urofsky, R., Havice, P.A., & Havice, W.L. Clemson University, 2006
College of Health, Education, and Human Development.
Emerging distance and distributed learning environments: Student and faculty satisfaction. (\$3000.00)
- *Havice, W.L., Early Career Leadership and Professional 2006
Development Initiative, Technical Foundation of America.
(\$24,872.00, not funded)
- *Starkweather, K., Havice, W.L. & Dugger, W. Developing 2006
Professionals Who Implement *Standards for Technological Literacy: Content for the Study of Technology* in America's Schools, National Education Association. (\$15,000.00)
<http://www.iteea.org/TAA/StdsBriefings/briefings.html>
- *Urofsky, R., & Havice, P.A., Havice, W.L. Council for Accreditation 2006
of Counseling and Related Educational Programs (CACREP).
Emerging distance and distributed learning environments: Student and faculty satisfaction. (Not funded)
- *Havice, W.L., Havice, P., & Meehan, N. Partnership for 2005
Rich Media Development Grant – Clemson University,
College of Health, Education, and Human Development

and Sonic Foundry. (\$34,000.00)

- *Partnership for Academic and Career Education (PACE) Grant 2003 - 2004
“Virtual Academic Advising of Students Entering Technical
Fields of Study” (\$2,800.00)
- Havice, P., Cawthon, T., Havice, W., Parker, V., Meehan, N. 2002 - 2003
& Isbell, C. Innovation Grant - Creating a virtual advising and
instruction system: Collaboration between UCG and the College
of HEHD. (\$5,300.00+)
- Havice, P., Cawthon, T., Havice, W.L., Meehan, N., Parker, V. & 2002
Isbell, C. Innovation Grant 2001 -- Clemson University.
*Laptop initiative: A quality collaborative model for wireless
technology and distance learning at Clemson University.* (\$10,000)
- *Partnership for Academic and Career Education (PACE) Grant 2001 - 2003
“Clemson University and Tri-County Technical College: Mobile
Academic Advising of Students Entering Technical Fields of Study”
(\$2,933.00)
- *W. K. Kellogg Foundation - Alliance 2020 Grant 2001 - 2003
“Bridging Communities: Life Long Learning Opportunities
Through Distributed Training” (\$20,000.00)
- *Dependable Education Products Company (DEPCO) and Clemson 2002
University Clemson University, College of Health, Education, and
Human Development Partnership Agreement – Including
furniture, equipment and software. (\$55,915.00)
- *Partnership for Academic and Career Education (PACE) Grant 2001 - 2002
“2+2+2 in Customized Training and Development: Promotional
Materials Highlighting the High School, Technical College and
University Components and Development of a Career Development
Curriculum for Female High School Students” (\$14,892.88)
- *Partnership for Academic and Career Education (PACE) Grant 2000 - 2001
“2+2+2 in Customized Training and Development: Developing
Advising Materials and Informing Educators and Development
of a Career Development Curriculum for Elementary School
Teachers and Counselors” (\$21,231.00)
- * W. K. Kellogg Foundation - Alliance 2020 Planning Grant 2000 - 2001
“Linking Partners in Education Project: National Guard Bureau
Distributive Technology Training Project” (\$6,000.00)

- * USA National Guard Bureau - Distributive Training Technology Project - Project coordinator with the South Carolina National Guard to develop a Distributed Learning Center at Clemson University - Estimated financial benefit to Clemson University (\$400,000.00+) 2000
- * Partnership for Academic and Career Education (PACE) Grant "School to Career Strategies: Linking Partners in Business, Industry and Education Project" (\$24,964.00) 1999 - 2000
- * W. K. Kellogg Foundation - Alliance 2020 Planning Grant "School to Career Strategies: Linking Business, Industry, and Education Phase II: Careers 2000 – The New Manufacturing Environment" (Not Funded) 1999
- * Advancing Technology Literacy: Technology Camps 2000 and Beyond, Technical Foundation of America Millennium Scholars Program for the year 2000 (Not Funded) 1999
- * U.S. Department of Education Fund for the improvement of Post Secondary Education -- Projects for Higher Education Collaboration (FIPSE) Grant proposal Committee Transatlantic Studies in Educational Leadership (TRANSEL)" (Not Funded) 1997 & 1999
- * Partnership for Academic and Career Education (PACE) Grant "School to Career Strategies: Linking Partners in Business, Industry and Education Project" (\$9,200.00) 1999
- * W. K. Kellogg Foundation - Alliance 2020 Planning Grant "School to Career Strategies: Linking partners in Business, Industry, and Education Project" (\$4,100.00) 1999
- * Clemson University Innovation Grant "Creating Opportunities for Pre-Service Education in Majors to Design and Implement Activities for Students in an Elementary School Technology Camps" (Not Funded) 1998
- * Welsh Products Grant - Screen Process Printing, \$380.00 1998
- * Clemson University Innovation Grant "School to Career Strategies: Linking partners in Business, Industry, and Education Project" (Not Funded) 1998
- * Clemson University Innovation Grant 1998

<p>“Enhancing Instruction and Cultural Awareness Through the Use of Desktop Video Conferencing in the College of HEHD” (Not Funded)</p>	
<p>* Clemson University Advanced Technology Center Instructional Development Center Awards “Development of Integrated Multimedia Course Presentation Materials Compact Discs (CD) for the Department of THRD (Not Funded)</p>	1998
<p>* Clemson University Innovation Grant “Linking the Community: Schools, Business and Industry” (Not Funded)</p>	1998
<p>* Clemson University Instructional Enhancement Fund Enhancing Instruction Through the Use of Video Conferencing in the College of Health, Education, and Human Development” (Not funded)</p>	1998
<p>* Clemson University Instructional Enhancement Fund “Technology Enhancement Program for Human Resource Development and Teacher Education”, \$40,000.00</p>	1998
<p>Bell South Grant Proposal Committee, \$150,000.00</p>	1996 - 1998
<p>* Clemson University Innovation Grant “Creating Opportunities for Pre-Service Education Majors to Design and Implement Activities for Students in an Elementary Technology Camp”, \$2350.15</p>	1997
<p>Goodheart-Willcox, Textbook Donation, \$750 .00</p>	1997
<p>* Beckman Grant Proposal Committee</p>	1997
<p>* Clemson University Innovation Grant “International Graduate Level Study Using Innovative Educational Technology Instruction for the College of HEHD” (Not Funded)</p>	1997
<p>* Clemson University Advanced Technology Center Instructional Development Grant (Not Funded)</p>	1997
<p>* Multimedia Authoring Summer Workshop Faculty Development Scholarship (Awarded)</p>	1997
<p>* South Carolina Association for Educational Technology Grant “Development of an Integrated Multimedia Course Presentation Compact Disc (CD)” (Not Funded)</p>	1997

* Clemson University Research Grant “Discover South Carolina through HyperStudio Multimedia Projects” (Not Funded)	1997
* Pioneer New Technologies, Inc., Mentor Program (Not Funded)	1997
* Clemson University Innovation Grant “Creating an Innovative Educational Technology Instruction System for Undergraduate Pre-Service and Graduate Technology Human Resource Development Majors”, \$15,544.00	1997
* Hearlihy Equipment Grant Proposal, 20% discount on purchases	1996
* Dependable Educational Proposal Company Equipment Grant Proposal, 26% discount on purchases	1996
* Fort Hays State University Graduate School Research Grant “Investigation Into the Effects of and Elementary Multimedia Curriculum”, \$2500.00	
* Addison Wesley Publishing Company – Computer Aided Drafting Software Award, \$350.00	1995
* Addison Wesley Publishing Company - Computer Aided Drafting Software Award, \$400.00	1994
* Andersen Company - Computer Aided Drafting Software Award	1994
* Kansas Educational Excellence Program Grant through Southwestern Bell Foundation to sponsor Techno-Kids, \$750.00	1993
* Autodesk Computer Aided Drafting Software Award. \$1000.00	1992
* AT&T Grant Committee, \$250,000.00	1991
* Goodlad’s Center for Educational Renewal Grant Committee	1991
* Synergistic Modules for Communication Technology, Pitsco \$10,000.00	1991
* Autodesk Computer Aided Drafting Software Award, \$500.00	1991
* Attained software donation from Hearlihy for Computer Aided Instruction of Engineering Drafting, \$500.00	1988

- * Welsh Products Grant - Screen Process Printing, \$380.00 1988
- * Attained grant from AutoEase for CAD lab software, \$500.00 1988
- * Attained grant from CADKEY for CAD lab software, \$1000.00 1987
- * VersaCad Initiative for CAD Excellence Program,
Authorized Training Institute 1986
- * Autodesk Teacher Training CAD Award, \$5000.00 in software 1986
- * Attained grant from VersaCad, \$5000.00 in software 1985
- * *Principle Investigator (PI) or Co-PI*

SCHOLARLY PUBLICATIONS:

Books and Monographs:

CTTE Yearbook Planning Committee, Editors (2009). *Essential topics for technology educators*. (58th Yearbook, Council on Technology Teacher Education). Reston, VA: Council on Technology Teacher Education.

Havice, W. L. and Havice, P. A., Editors (2005). *Distance and distributed learning environments: Perspectives and strategies*. (54th Yearbook, Council on Technology Teacher Education). Peoria, IL: MacMillan/McGraw-Hill.

Book Chapters--Refereed:

Daugherty, M. K., Carter V. R. and Havice, W. L. (2016, in press). Elementary Education - Integrated STEM Program. In M. C. Hoepfl (Ed.), *Exemplary teaching practices in technology & engineering education* (pp. ?). Peoria, IL: Glencoe/McGraw-Hill. Invited and Peer Reviewed.

Havice, P. A. & Havice, W. L. (2015). Using a distributed learning model to foster learner-instructor interaction. In R.D. Wright (Ed.), *Student-teacher interaction in online learning environments* (pp. 324 - 345). Hershey, PA: IGI Global. doi:10.4018/978-1-4666-6461-6. Invited and Peer Reviewed.

Havice, P. A. and Havice, W. L. (2007). Linking community partners: Utilizing video conferencing. In R. Luppacini (Ed.), *Learning communities in online education* (pp. 205 - 216). Charlotte, NC: Information Age Publishing. Invited

and Peer Reviewed.

Havice, P. A. and Havice, W. L. (2005). Distance and distributed learning environments: Assessment strategies. In W. L. Havice & P. A. Havice (Eds.), *Distance and distributed learning environments: Strategies and perspectives* (pp. 189 - 202). Peoria, IL: Glencoe/McGraw-Hill.

Havice, W. L. and Havice, P. A. (2005). Distance and distributed learning environments: Enhancing the teaching of technology. In W. L. Havice & P. A. Havice (Eds.), *Distance and distributed learning environments: Strategies and perspectives* (pp. 1 - 10). Peoria, IL: Glencoe/McGraw-Hill.

Havice, W. L. and Rogers, A. M. (2005). Digital portfolios: Enhancing the distributed learning environment. In W. L. Havice & P. A. Havice (Eds.), *Distance and distributed learning environments: Strategies and perspectives* (pp. 109 - 124). Peoria, IL: Glencoe/McGraw-Hill.

Havice, P. A., Havice, W. L. & Isbell, C. (2000). Rubrics: An alternative assessment strategy to integrating traditional instruction and distributed learning. In B. Mann (Ed.), *Perspectives in Web Course Management* (pp. 199-210). Toronto, ON: Canadian Scholar's Press. Invited and Peer Reviewed.

Havice, W. L. and Lovedahl, G. G. (2000). Igniting the passion through TECA. (49th Yearbook, Council on Technology Teacher Education.) (pp. 69-73). Peoria, IL: Glencoe/McGraw-Hill. Invited and Peer Reviewed.

Newsletter:

Havice, W. L. (Guest Editor). (2013). STEM Education, *National Dropout Prevention Center/Network Newsletter*, 24(1). Available: <http://www.dropoutprevention.org/sites/default/files/newsletter-v24n1-2013.pdf>

Curriculum Briefs:

Havice, W. L. and Linnell, C. C. (2000). Technology cookbook for kids: Manufacturing technologies. Curriculum Brief, 4(4), International Technology Education Association: Reston, VA.

Havice, W. L. and Linnell, C. C. (2000). Technology cookbook for kids: Transportation technologies. Curriculum Brief, 4(3), International Technology Education Association: Reston, VA.

Compact Disks:

Havice, W. L. (2009). The power and promise of a STEM education: Thriving in a complex technological world. In, *The overlooked STEM imperatives: Technology and engineering K-12 education* (pp. 10-17). Reston, VA: International Technology Education Association. Invited.

Dugger, W. E. and Havice, W. L., Editors, (2006). International Technology Education Association Technological Literacy Standards Briefings. [Compact Disk]. International Technology Education Association: Reston, VA. Invited and Peer Reviewed.

Watt, P., Zhang, Y., Pierce, T. D., & Havice, W. L., (2007). Greenville Touchpoints Residency Training DVD. South Carolina, USA: Clemson University, Joseph F. Sullivan Center, Greenville Hospital Children's Hospital & the College of Health, Education, and Human Development.

On-line Development:

Havice, W. L., & Forrester, P., (2013). Solutions to the dropout crisis: The power and promise of integrative STEM education. Link to broadcast at: <http://www.dropoutprevention.org/webcast/46-power-and-promise-integrative-stem-education> (Created for National Dropout Prevention Center at Clemson University, Clemson, SC).

Sample rich media projects developed under my supervision:

- HEHD Faculty Search Training:
<http://www.clemson.edu/hehd/faculty-staff/faculty-search-training/index.html>
- School of Education Online ADEPT Training:
http://www.hehd.clemson.edu/schoolofed/adept_training_seminar/contact.html

Online Course - Havice, W. L. and Lovedahl, G. G., Subject Matter Experts, (2000). MST 271- Technology I: The Technology Revolution. Mosaic Technologies Corp.: Miramichi, NB. (Created for Harcourt Higher Education).

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Havice, P. A., Havice, W. L., Cawthon, T. W., & Ilagan, G. E. (2009, December 2). Using desktop videoconferencing to promote collaboration and

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Cawthon, T. W., Havice, P. A. & Havice, W. L. (2003, Fall). Enhancing collaboration in student affairs: Virtual advising. *Student Affairs Journal-Online*. Available: http://www.studentaffairs.com/ejournal/Fall_2003/

Cramer, S. S., Havice, W. L., Havice, P. A. (2002). Attitudes Toward Computer-Mediated Distance Training. [Online] *The Journal of Technology Studies*, 28(1), 70-75. Available: <http://scholar.lib.vt.edu/ejournals/JTS/>

Havice, P. A. & Havice, W. L. (2002, Summer). Polish your next presentation: Points to remember. *Student Affairs Journal-Online*. Available: http://www.studentaffairs.com/ejournal/Summer_2002/

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Havice, W. L. (2013). Integrative STEM Education – Developing Innovators, Educating Creative Learners, *National Dropout Prevention Center/Network Newsletter*, 24(1), p. 1. Available at: <http://www.dropoutprevention.org/sites/default/files/newsletter-v24n1-2013.pdf>

Havice, P.A., Davis, T.T., Foxx, K.W., & Havice, W.L. (2010). The impact of rich media presentations on a distributed learning environment:

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- Havice, W. L. (2009). The power and promise of a STEM education: Thriving in a complex technological world. In, *The overlooked STEM imperatives: Technology and engineering K-12 education* (pp. 10-17). Reston, VA: International Technology Education Association.
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- Havice, W. L. (2009). Symposium promotes technological literacy through STEM. *The Technology Teacher*, 68(6), 27-29.
- Havice, P. A., Havice, W. L., Isbell, C., Wilson, K. & Grimes, L. (2004). Bridging communities: Lifelong learning opportunities through distributed staff development. *Quarterly Review of Distance Education*, 5(2), 111-116.
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- Havice, B., (2002). Hypertext: A brief history. *The Visual Communications Journal*. 22-25.

- Havice, W. L. (2001). ITEA/TECA membership: What's in it for me? *The Technology Teacher*, 60(8), 27-28.
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- Havice, W. L. (2000 - 2001, Issue #2). (Invited Article). ITEA Membership: What's in it for me? The International Student Technology Education Collegiate Association (TECA) *College Comment*, an affiliate of International Technology Education Association (ITEA). pg.4.
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- Havice, W. L. and Lovedahl, G. G. (1999, Fall). Technological Literacy: The heart of mainstream educational reform. *The Teacher Education Journal of South Carolina*, pp. 134-136.
- Havice, W. L., Isbell, C. H. and Simmons, J. B. (1999). The electronic field trip: Incorporating desktop video conferencing in the elementary school classroom. *Technology and Children*, 3(4), 3-5.
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- Havice, W. L. (Winter/Spring 1999). College students' attitudes toward oral lectures and integrated media presentations. *The Journal of Technology Studies*, 25(1), 51-55.
- Havice, W. L. Editor (1997-1999, 8 issues) The International Student Technology Education Collegiate Association (TECA) *College Comment*, an affiliate of International Technology Education Association (ITEA).
- Havice, W. L. and Galloway, C. (1998). Communication technology integrating HyperStudio multimedia with the elementary classroom curriculum: A third grade multimedia production activity. *Technology and Children*, 3(2), 3-7.
- Havice, W. L. and Simmons, J. B. (1998). Connecting curriculums: Marketing what you manufacture. *The Technology Teacher*, 58(2), 12-16.
- Havice, W. L. (1998, Fall). Hypertext and Hypermedia: What is all the

- “hype” about, anyway? *The Teacher Education Journal of South Carolina*, 35(4), 29-43.
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- Havice, W. L. (1997, Fall). Twelve tips to power presentations. *The Teacher Education Journal of South Carolina*., 27-28.
- Havice, W. L. (1995). *Attitudes, achievement, and reactions of college students toward integrated media presentation in teaching of computer information systems*. Paper presented at the International Technology Education Conference, Nashville, TN.
- Havice, W. L. (1995). Monitoring technology labs. *Tech Directions: Linking Education to Industry*, 55(1), 43.
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- Havice, W. L., Betz, M. L., Coons, D. E. (1994). *The perils of Pam*. Anchored Instruction Multimedia Access CD-ROM. Nashville, TN: Peabody College, Vanderbilt University.
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- Havice, W. L. (1992). *Endangered Species*. Interactive Multimedia Program. Author: Hays, KS.
- Havice, W. L. (1992). *Insects and Spiders*. Interactive Multimedia Program.

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Havice, W. L. (1992). *3M Videodisc*. Interactive Multimedia Program. Author: Hays, KS.

Havice, W. L. (1991). Making field trips a key part of the TE program. *School Shop/Tech Directions*, 50(9), 43.

Havice, W. L., (1989). Teaching color theory through multicolor screen-printing. *University Forum*, 13(4), 50.

Havice, W. L. (1989). Erasing and cleaning trouble spots from polyester film. *Design Management*, 13(4), 50.

Havice, W. L. (1989). Screen-printed license tags yield profit and learning. *School Shop*, 49(4), 30.

Havice, W. L., (1988). Keep on plotting. *Design Graphics World*, 12(8), 50.

Havice, W. L., (1988). Handy disk caddy. *School Shop*, 48(2), 13.

NEWSPAPER GUEST COLUMN:

Havice, W. L. (2014, December 4). Guest Column: Integrative STEM helps students. *The Greenville News*, Greenville, SC, p. 12A.

Havice, W. L. (2014, November 12). Guest View: Integrative STEM education: For children and communities. *The Journal*, Vol. 110, No. 224, Seneca, SC, p. 4A.

Marshall, G. L. and Havice, W. L. (2008, November 2). Guest Column - Students thrive with STEM: Program can help solve our dropout problems. *Anderson Independent-Mail*, Anderson, SC.

Havice, W. L. and Marshall, G.L. (2007, September 25). Guest Column - Voices: Young children need basic education in science, technology. *The Greenville News*, Greenville, SC, p. 6A.

Havice, W. L. (2006, September 17). Guest Column - Other Views: Technological literacy a must to sustaining economy. *The Greenville News*, Greenville, SC, p. 15A.

Havice, W. L. (2001, May 31). Guest Column - Other Views: Limited view of technology creates power imbalance. *The Greenville News*, Greenville, SC, p. 11A.

Havice, W. L. (2000, July 25). Guest Column - Other Views: Practicing professional teachers must face high-quality standards. *The Greenville News*, Greenville, SC, p. 7A.

Havice, W. L. and Lovedahl, G. G. (1999, Sept. 18). Guest Column - Other Views: Technological Literacy: at heart of educational reform in state. *The Greenville News*, Greenville, SC, p. 11A.

Proposal:

Havice, W. L., Grissup, K., Lai, E., and Mitchell, D. (2000). Laptop Learning: Beneficial or High Tech Play?, *Laptops for Learning in Greenville County: An Overview of Background Information*.

Unpublished Research:

Havice, W. L. (1994). Attitudes, achievement, and reactions of college students toward integrated media presentation in teaching of computer information systems. (Doctoral Dissertation, Kansas State University, 1994). *Dissertation Abstracts International*, 55, 2698A.

Whitepaper:

Havice, W. L. & Hill, R. (2009, April 6). Ethics and Technology Education. White Paper written for the International Technology Education Association. Available: [http://www.students.ccsu.edu/~rodriguezjel/Ethics\(Havice&Hill\)-1.pdf](http://www.students.ccsu.edu/~rodriguezjel/Ethics(Havice&Hill)-1.pdf).

Dunlap, N, Havice, W.L., Katsiyannis, A., McGuire, F., Watt, P. (2007). Preparing HEHD Graduates to Shape South Carolina's Future: Further Thoughts.

Havice, W.L., Dunlap, N, Katsiyannis, A., McGuire, F., Watt, P. (2007). Preparing HEHD Graduates to Shape South Carolina's Future: Further Thoughts White Paper Summary Document – College of Health, Education, and Human Development Guiding Principles

PENDING SCHOLARLY PUBLICATIONS:

Journal Articles:

- Havice, P.A., Havice, W.L. & Umfress, J. (in review). Measuring satisfaction of on-line, rich media training modules as a method of instruction for counseling site supervisors. *Counselor Education and Supervision Journal*.
- Havice, W. L., Havice, P. A., Dyches, C., Zhang, Y. (Manuscript in progress) A Case Study: Digital Portfolios for Faculty Tenure, Promotion, and Reappointment.

REFEREED CONFERENCE PROCEEDINGS:

- Havice, W.L., Havice, P.A., Waugaman, C. & Walker, K. (2016, June). Integrative STEM education: For children and communities. *International Conference on Education and New Developments*, Ljubljana, Slovenia. (Refereed)
- Havice, W. L., Havice, P.A., Waugaman, C., Walker, K. (2015, November). Leadership Role for Technology and Engineering - STEM Teacher Professional Development Program: Institute on Integrative Science, Technology, Engineering and Mathematics (STEM) Teaching and Learning. *Mississippi Valley Technology Teacher Education Conference*, Nashville, TN. (Refereed)
- Havice, W.L., Havice, P.A., Waugaman, C. & Walker, K. (2016, June). Integrative STEM education: For children and communities. *International Conference on Education and New Developments*, Ljubljana, Slovenia.
- Havice, W.L., & Havice, P.A. (2015, June). Assessing online learner interaction: A distributed learning environment model. *END 2015 International Conference on Education and New Developments*, Porto, Portugal. (Refereed)
- Havice, W.L. & Havice, P.A., (2011, June). Lecture capture's impact on undergraduate learning, satisfaction, and retention. *EduComm2011: University Business Leadership Institute*, Orlando, FL (Invited)
- Njagi, K. O. & Havice, W. L. (2010, June). College Students' Attitude Toward Computer Technology, Fifth Regional Conference on Information and Communication Technology in Higher Education (Organized by Higher Education Research and Policy Network (HERPNET) in collaboration with Moi University, Eldoret, Kenya), Moi Université, Nairobi campus, Nairobi, Kenya

- Havice, P.A., & Havice, W.L. (2009, November). Creating a classroom without walls. *2009 EDUCAUSE conference*, Denver, CO.
- Havice, P.A., & Havice, W.L. (2009, July). Creating a future vision for the 21st century campus: Rich media in distributed learning environments. *Campus Technology 2009*, Boston, MA.
- Havice, W.L. & Havice, P.A. (2009, June). Creating a future vision for the 21st century campus: Distributed learning environments. *InfoComm - EduComm 2009*, Orlando, FL. Go to:
<http://educomm.mediasite.com/mediasite/Viewer/?peid=364178df6d5e4ce5bd6d7455899a6c5d>
- Havice, P.A., Havice, W.L., DiSabatino, G., & Cawthon, T.W. (2008, March). Collaborating with Academic Affairs to chart a course for student learning. *2008 National Association of Student Personnel Administrator Conference*, Boston, MA.
- Havice, W. L. & Havice, P.A. (2008, January). Enhancing student learning: Incorporating Webcasting into distance and distributed learning environments. *6th Annual Hawaii International Conference on Education*, Honolulu, HI.
- Havice, P. A., Havice, W. L. & Garland, L. (2006, March). Committing to the greater good: Using rich media to enhance communication and learning. *2006 National Association of Student Personnel Administrator*. Washington, D.C.
- *Havice, W. L. & Havice, P. A. (2006, January). Incorporating rich media into distance and distributed learning environments. *4th Annual Hawaii International Conference on Education*. Honolulu, HI.
- Havice, W. L., Dias, J. A. & Havice, P. A. (2005, July). Incorporating rich media into distance education – moving beyond early adopters to achieve campus-wide appeal. *Syllabus 2005 International Conference*. Los Angeles, CA.
- Havice, W. L., Havice, P. A. & Cawthon, T. W. (December, 2004). Creating a virtual advising and instruction system: Collaboration between main and satellite campuses. *3rd Biennial International Conference on Technology Education Research*. Centre for Learning Research, Griffith University, Gold Coast, Queensland, Australia.
- Havice, P. A. & Havice, W. L. (October, 1999). Will distance education be

allowed to affect the mainstream of higher education?. *1999 American Association for Adult and Continuing Education Adult Education Conference*. San Antonio, TX.

Havice, W. L. & Havice, P. A. (November 1997). Practical Guidelines for Power Presentations. *1997 American Association for Adult and Continuing Education Adult Education Conference*. Cincinnati, OH.

Havice, W. L. & Havice, P. A. (March 1997). Restructuring the delivery of education: Ideas for the future. *Lowcountry Instructional Technology Conference*. Charleston, SC.

Havice, W. L. & Havice, P. A. (October 1996). Maximizing Presentations for Distance Learning. *The 1996 American Association for Adult and Continuing Education Adult Education Conference*. Charlotte, NC.

Havice, W. L. & Havice, P. A. (July 1996). Invited keynote speaker. Restructuring the Delivery of Continuing education: Ideas for the Future. *Kansas Association of Nursing Continuing Education Providers Conference*. Hays, KS.

PUBLISHED BOOK REVIEWS:

Prentice Hall Publishing Company - Engineering Graphics	1995
Addison Wesley Publishing Company - The Technical Drawing Workbook	1994
Delmar Publishing Company - Multimedia Production Kit	1994
Addison Wesley Publishing Company - Introduction to Drafting	1993
Addison Wesley Publishing Company - Computer Aided Drafting and Design	1992

SCHOLARLY PRESENTATIONS:

Havice, W.L., Havice, P.A., Waugaman, C. & Walker, K. (2016, June). Integrative STEM education: For children and communities. *International Conference on Education and New Developments*, Ljubljana, Slovenia. (Refereed)

Havice, W.L. & Richard, B. (2016, June). Career and STEM Leadership for School Administrators, *2016 South Carolina Education and Business Summit*, TD

Convention Center, Greenville, SC.

Havice, W. L., Havice, P. A., Waugaman, C., Walker, K. (2015, November). Leadership Role for Technology and Engineering - STEM Teacher Professional Development Program: Institute on Integrative Science, Technology, Engineering and Mathematics (STEM) Teaching and Learning. *Southeastern Technology Education Conference*, Nashville, TN. *(Invited)*

Havice, W. L., Havice, P.A., Waugaman, C., Walker, K. (2015, November). Leadership Role for Technology and Engineering - STEM Teacher Professional Development Program: Institute on Integrative Science, Technology, Engineering and Mathematics (STEM) Teaching and Learning. *Mississippi Valley Technology Teacher Education Conference*, Nashville, TN. *(Invited)*

Havice, W. L. (2015, November). "Leadership Role for Technology and Engineering". *Mississippi Valley Technology Teacher Education Conference*, Nashville, TN. *(Invited)*

Havice, W.L. (2015, July). What is Integrative STEM Education? *Anderson, Oconee, and Pickens Counties Integrative STEM Education Institute, Tri-County Technical College*, Pendleton, SC. *(Invited)*

Havice, W.L., & Havice, P.A. (2015, June). Assessing online learner interaction: A distributed learning environment model. *END 2015 International Conference on Education and New Developments*, Porto, Portugal. *(Refereed)*

Havice, W.L. (2014, November). Integrative STEM Education in Anderson, Oconee, and Pickens Counties, *Spartanburg District #7 Summit*, Spartanburg, SC. *(Invited)*

Havice, W.L. (2012, June). STEM: Science, Technology, Engineering, and Math Cluster Presentation, *2012 South Carolina Education and Business Summit*, TD Convention Center, Greenville, SC. *(Invited)*

Havice, W.L. (2012, June). Getting to the Common Core with STEM. *2012 Beaufort County School District Summer Institute*, Beaufort, SC. *(Invited)*

Havice, P.A., Havice, W.L., Smith, Joy (2012, March). Collaborating with Academic Affairs to chart a course for student learning. *2012 National Association of Student Personnel Administrator Conference*, Phoenix, AZ.

Havice, W.L. & Havice, P.A. (2011, June). Lecture capture's impact on

undergraduate learning, satisfaction, and retention. *EduComm2011: University Business Leadership Institute*, Orlando, FL (Invited)

Havice, W.L. & Havice, P.A. (2010, November). Lecture capture's impact on undergraduate learning, satisfaction, and retention. Madison, WI (Invited) (<http://sofo.mediasite.com/mediasite/Play/b7f61ca49952461f9c4f783b78084af91d?player=pip&peid=b7f61ca49952461f9c4f783b78084af91d>)

Njagi, K. O. & Havice, W. L. (2010, June). College Students' Attitude Toward Computer Technology, *Fifth Regional Conference on Information and Communication Technology in Higher Education* (Organized by Higher Education Research and Policy Network (HERPNET) in collaboration with Moi University, Eldoret, Kenya), Moi Université, Nairobi campus, Nairobi, Kenya

Havice, W.L. & Marshall, G. (2010, April) Promoting collaboration: A STEM initiative case study, *South Carolina Mathematical Association of Two-Year Colleges (SOCAMATYC) and the South Carolina Association of Mathematics Teacher Educators (SCAMTE) Conference*, Midlands Technical College, Columbia, SC (Invited)

Havice, W. L. & Marshall, G. (2010, March). Building partnerships for future research: A STEM initiative case study. *International Technology Education Association Conference*, Charlotte, NC.

Havice, W.L. & Marshall, G. (2009, December) STEM Cluster Best Practice, *South Carolina Career Guidance and Placement Association Conference*, Charleston, SC (Invited)

Havice, P.A., & Havice, W.L. (2009, November). Creating a classroom without walls. *EDUCAUSE Conference*, Denver, CO (Invited)

Havice, W.L. & Marshall, G. (2009, October). Building partnerships for future research: A STEM initiative case study, *Southeastern Technology Education Conference*, Nashville, TN

Havice, W.L. (2009, September). STEM Institutes: Taking Action in Your State, *Engineering By Design Fall Leadership Forum, STEM Center for Teaching and Learning*, Herndon, VA (Invited)

Havice, P.A., & Havice, W.L. (2009, July). Creating a future vision for the 21st century campus: Rich media and distribute learning environments. *Campus Technology 2009*, Boston, MA (Invited)

- Havice, W. L., & Havice, P. A. (2009, June). Creating a future vision for the 21st century campus: Distribute learning environments.. *InfoComm09 - EduComm*, Orlando, FL. (Invited)
- Havice, P.A., Havice, W.L., DiSabatino, G., & Cawthon, T.W. (2008, March). Collaborating with Academic Affairs to chart a course for student learning. *2008 National Association of Student Personnel Administrator Conference*, Boston, MA.
- Litowitz, L. S., Warner, S., Burghardt, D., Hacker, M., Havice, W. L., Clark, A. C., & Welty, K. (2008, July 15). *Understanding the T&E in "STEM."* Proceedings of the 2009 Hawaii International Conference on Education (pp. 2946-2982). Honolulu, HI. Retrieved (n.d.), from www.hiceducation.org/EDU2009.pdf.
- Dyches, C., Zhang, Y. & Havice, W. L. (2008, March). Faculty e-portfolio: A trial. *Society of Teaching and Learning Conference*. Myrtle Beach, SC.
- Marshall, G. L. & Havice, W. L. (2008, February). Science, Technology, Engineering, and Mathematics (STEM) in the Upstate: Technological literacy for all. *34th Annual SCTEA Conference*, Myrtle Beach, SC.
- Havice, W. L. & Havice, P.A. (2008, January). Enhancing student learning: Incorporating webcasting into distance and distributed learning environments. *6th Annual Hawaii International Conference on Education*, Honolulu, HI
- Havice, W. L. & Marshall, G. L. (2007, October). Science, Technology, Engineering, and Mathematics (STEM) in the Upstate: Technological literacy for all. *South Carolina Council of Teachers of Mathematics (SCCTM) 2007 Fall Conference*, Greenville, SC.
- Havice, W. L. & Marshall, G. L. (2007, October). Technological literacy for all. *STEM Forum*. Tri-County Technical College, Pendleton, SC. (Invited)
- Havice, W. L., & Havice, P. A., & Zhang, Y. (2007, June). Enhancing the learning environment with rich media: Best practices. *InfoComm07 - EduComm*, Anaheim, CA. (invited)
- Havice, W. L. & Havice, P. A. (2007, March). Incorporating rich media into distributed learning environments. *International Technology Education Association Conference*, San Antonio, TX.
- Dugger, W. E. & Havice, W. L. (2007, March). The ITEA standards briefings:

- Video resources. *International Technology Education Association Conference*, San Antonio, TX. (invited)
- Havice, W. L. (2007, March). Incorporating rich media into distributed learning environments. *International Technology Education Association Conference*, San Antonio, TX. (invited round table participant)
- Havice, W. L., Havice, P. A., Meehan, N., & Zhang, Y. (2007, March). Enhancing the learning environment with rich media: Best practices. Clemson University, Clemson, SC. (a live and streaming rich media presentation).
- Havice, W. L. (2007, February). Using technology effectively. National League for Nursing, South Carolina Faculty Spring Workshop, Columbia, SC. (Invited)
- Havice, W. L. (2007, January). Incorporating rich media and videoconferencing into distance and distributed learning environments at Clemson University. Faculty Development Program Workshop, Clemson, SC. (Invited)
- Havice, W. L. (2006, October). Technological literacy for all. Greenville Technical College, Greenville, SC. (Invited)
- Havice, W. L. (2006, September). Technological literacy for all. Partnership for Academic and Career Education Workshop, Clemson, SC. (Invited)
- Havice, W. L., Havice, P. A., & Meehan, N. (2006, March). Using rich media to support and enhance learning at Clemson University (a live and streaming rich media presentation).
- Havice, W. L. & Havice, P. A. (2006, January). Incorporating rich media into distance and distributed learning environments. *Hawaii International Conference on Education*, Honolulu, HI.
- Havice, W. L. (2005, October). Using rich media to enhance the learning experience. *Southeastern Technology Education Conference*, Clemson, SC.
- Havice, W. L. (2005, July). Incorporating rich media into distance education – Moving beyond early adopters to achieve campus-wide appeal. *Syllabus Conference*, Hollywood, CA.
- Havice, W. L. & Havice, P. A. (2005, April). Developing an edited book on distributed and distance learning. *International Technology Education Association Conference*, Kansas City, Missouri.

- Havice, W. L., Havice, P. A. & Cawthon, T. W. (December, 2004). Creating a virtual advising and instruction system: Collaboration between main and satellite campuses. *3rd Biennial International Conference on Technology Education Research*. Centre for Learning Research, Griffith University, Gold Coast, Queensland, Australia
- Havice, P. A., Havice, W. L. & Gaither, C. (November, 2004). Electronic Portfolios: Collaborating to Develop Future Student Affairs Professionals. *Southern Association of College Student Affairs Conference*, Chattanooga, Tennessee
- Cawthon, T. W., Havice, P. A., Havice, W. L., & Rogers, A. (2004, April). The role of electronic portfolios in graduate education and training. *2004 Research Forum for the College of Health, Education and Human Development*, Clemson University, Clemson, SC
- Havice, W. L., (2004, April). "Leadership is Performance", *Epsilon Pi Tau Initiation and Banquet*, Clemson, SC. (Invited Keynote Address)
- Cawthon, T. W., Havice, P. A., & Havice, B. L. (2004, March). E-Portfolios in Graduate Preparation Programs: Tools for Collaboration and Communication. *2004 National Association of Student Personnel Administrators*, Denver, Colorado.
- Havice, W. L. & Havice, P. A. (2004, March). The evolution of distance learning for the 21st century: Perspectives and strategies. *International Technology Education Association Conference*, Albuquerque, NM.
- Cawthon, T. W. & Havice, P. A., Havice, W. L. (2003, November). Virtual advising: Best practice between Student Affairs and Academic Affairs. *2003 Southern Association of College Student Affairs Conference*, Myrtle Beach, SC.
- Havice, W. L. & Evanciew, C. (2003, October). "Virtual Advising: Using Desktop Videoconferencing to Advise Technology Education Students". *Annual Southeastern Technology Education Conference*, Atlanta, GA.
- Havice, P. A. & Havice, W. L. (2003, July). "Using Desktop Videoconferencing to Promote Collaboration: A Case Study in Virtual Advising". Poster Presentation. *Syllabus Conference*, San Jose, CA.
- Submitted - Sherrill, W. W. & Havice, W. L. (2003, November). "Innovations in Distance Education Technology: Using "Real-Life" Management Case

Studies to Train Public Health Students”. *Academic Public Health Caucus of the 131st Annual Meeting*, San Francisco, CA.

Havice, P. A., Cawthon, T. W., Havice, B. L. & Whitley, C. (2003, April). Creating a virtual academic advising and instruction system: Collaboration between UCG and the College of HEHD. *2003 Research Forum for the College of Health, Education and Human Development*, Clemson University: Clemson, SC.

Havice, W. L., (2003, March). Foundation for Technology Education “Spirit of Excellence” Program - “Leadership”, *International Technology Education Association Conference*, Nashville, TN. (Invited Keynote Address)

Havice, W. L. & Havice, P. A. (2003, March). The evolution of distance learning for the 21st century: Perspectives and strategies. *International Technology Education Association Conference*, Nashville, TN.

Havice, P. A., Cawthon, T. W., Havice, W. L. & Whitley, C. (2003, March). Using technology to blur boundaries in higher education: A case study fostering community learning: One perspective from the edge. *2003 National Association of Student Personnel Administrators*, St. Louis, Missouri.

Havice, P. A. & Havice, W. L. (2002, July). “Creating Educational Alliances With Distance/Distributed Learning: One Perspective”. *Oxford Round Table*, Oxford, England. (Invited)

Havice, P. A., Havice, W. L., Isbell, C. & Watson, L. (2002, April). Bridging communities: Lifelong learning opportunities through distributed training. *2002 Research Forum for the College of Health, Education and Human Development*, Clemson University, Clemson, SC.

Havice, W. L., (2002, March). International Technology Education Center to Advance the Teaching of Technology and Science (CATTS) Professional Development Workshop – “Creating a Dynamic Technology Education Program”, *International Technology Education Association Conference*, Columbus, OH. (Invited)

Havice, W. L., Havice, P. A. (2002, March). Council on Technology Teacher Education Special Interest Session (CTTE) - University administrators’ perceptions of distance/distributed learning. *International Technology Education Association Conference*, Columbus, OH.

Havice, W. L. & Havice, P. A. (2001, October). “Promoting Community

- Learning and Collaboration through Distributed Learning Environments: One Perspective". *EdTech 2001*, Myrtle Beach, SC.
- Havice, W. L., (2001, June). Advanced Standing Opportunities at Tri-County Technical College. *15th Annual Summer Institute*, Tri-County Technical College, Pendleton, SC. (Invited)
- Havice, W. L., (2001, March). The Technology Standards: How should technology teacher education respond? *International Technology Education Association, International Conference*, Atlanta, GA. (Invited)
- Havice, W. L., (2001, March). CTTE interest session "Impact of standards on technology education graduate programs". *International Technology Education Association, International Conference*, Atlanta, GA. (Invited)
- Havice, W. L., (2001, March). International Technology Education Association Professional Development Workshop – “Improving your Technology Education Program”, Atlanta, GA. (Invited)
- Havice, P. A., Watson, L. W. & Havice, W. L. (2001, March). Fostering community learning: One perspective from the edge. *2001 National Association of Student Personnel Administrators*, Seattle, WA.
- Havice, P. A. & Havice, W. L. (2000, November). “Administrators’ Attitudes and Perceptions: How Do They Affect Technology Based Distance Education?” *2000 Southeastern Regional Association of Teacher Education (SRATE) 47th Annual Conference*, Lexington, Kentucky.
- Havice, W.L. and Lovedahl, G. G. (2000, Fall). The Impact of New Technologies on Higher Education. *The American Association of University Professors (AAUP) South Carolina Conference*, Clemson, SC (Invited Keynote Address)
- Havice, W. L. & Havice, P. A. (2000, September). “Connecting With the Future: Presentation Strategies”. *EdTech 2000*, Charleston, SC.
- Havice, W. L. & Wright, T., (2000, April). International Technology Education Center to Advance the Teaching of Technology and Science(CATTS) Professional Development Workshop – “Improving your Technology Education Program”, Salt Lake City, UT. (Invited)
- Havice, W. L., Havice, P. A. & Isbell, C. (2000, April). Incorporating desktop videoconferencing into education and training practices. *International Technology Education Association Conference*, Salt Lake City, UT.

- Havice, W. L., Havice, P. A. & Isbell, C. (2000, April). Invited symposium speaker. The electronic field trip: Incorporating desktop videoconferencing in the elementary school classroom. *International Technology Education Association Conference*, Salt Lake City, UT.
- Havice, P. A., Havice, W. L., (2000, March). "Distance education and the ivory tower: Will it happen?", *Conference 2000 National Association of Student Personnel Administrators*, Indianapolis, IN.
- Havice, W. L. & Havice, P. A. (October 1999). "Will Distance Education Be Allowed to Affect the Mainstream of Higher Education?". *1999 American Association for Adult and Continuing Education Adult Education Conference*, San Antonio, TX.
- Havice, W. L. (March 1999). "A Third Grade Multimedia Production Activity: Integrating HyperStudio Multimedia with the Elementary Classroom Curriculum". *International Technology Education Association Conference – Technology Education Children’s Council Special Interest Session*, Indianapolis, IN.
- Havice, W. L. & Havice, P. A. (December, 1998, Accepted by referees but not presented). "Connecting With the Future: Electronic Presentation Strategies". *1998 American Vocational Association International Conference*, New Orleans, LA.
- Havice, W. L. & Havice, P. A. (November 1997). " Practical Guidelines for Power Presentations". *1997 American Association for Adult and Continuing Education Adult Education Conference*, Cincinnati, OH.
- Havice, W. L. & Havice, P. A. (November 1998). "Connecting With the Future: Building Your Presentation Strategies". *1998 Southeastern Regional Association of Teacher Education (SRATE) 45th Annual Conference*.
- Havice, W. L. & Havice, P. A. (October. 1997). "Connecting With the Future: Presentation Strategies". *Teacher Education Conference of South Carolina*, Charleston, SC.
- Havice, W. L. & Havice, P. A. (March 1997). "Restructuring the Delivery of Education: Ideas for the Future". *Lowcountry Instructional Technology Conference*, Charleston, SC.
- Havice, W. L. & Havice P. A. (October, 1996). "Maximizing Presentations for Distance Learning". *The 1996 American Association for Adult and Continuing Education Adult Education Conference*, Charlotte, NC.

- Havice, W. L. & Havice, P. A. (July, 1996). *Invited keynote speaker*. "Restructuring the Delivery of Continuing Education: Ideas for the Future". *Kansas Association of Nursing Continuing Education Providers Conference*, Hays, KS.
- Havice, W. L.. (1996). "Defining Information Networking". *The Information Networking Colloquium*, Fort Hays State University, Hays, KS.
- Havice, W. L. (1996). "Technology': What Good Is It?". *The Information Networking Colloquium*. Fort Hays State University. Hays, KS.
- Havice, W. L. (1996). "Develop Problem Solving Skills With Anchored Instruction". *Kansas Assoc. of Teachers of Mathematics State Conference*, Hays, KS.
- Havice, W. L. (1996) "Images of India". *Hays Association of Retired Teachers*, Hays, KS.
- Havice, W. L. (March, 1996). "Communication Technology - Multimedia Activity". *International Technology Education Association Conference*, Phoenix, AZ.
- Havice, W. L. (March, 1996). "Multimedia Whiz Kids". *International Technology Education Association Conference*, Phoenix, AZ.
- Havice, W. L. (March, 1995). "Attitudes, Achievement, and Reactions of College Students Toward Integrated Media Presentation in Teaching of Computer Information Systems". *International Technology Education Association - Council of Technology Teacher Education Research Committee's Special Interest Session*, Nashville, TN.
- Havice, W. L. (1995). "Develop Problem Solving Skills with Anchored Instruction". *Kansas Association of Teachers of Mathematics (KTAM) State Conference*, Hays, KS.
- Havice, W. L. & Havice, P. A. (September, 1995). "Utilizing ITV and Multimedia in Higher Education". *Invited keynote speaker for faculty in-service*, Montana State University, Havre-Great Falls, MT.
- Havice, W. L. (1995). "Multimedia Applications". *Faculty in-service*, Palco, KS.
- Havice, W. L. (1995). "CD-ROM and Laserdisc Technology". *In-service for North Central Kansas Educational Development Service Center*, Almena,

KS.

Havice, W. L. (1995). "Utilizing Computers in Writing". In-service, O'Loughlin Elementary School, Hays, KS.

Havice, W. L. (1995). "Images of India". Hays Kiwanis Club, Hays, KS.

Havice, W. L. (March, 1994). "Communication Technology - Frameworks to Activities". *International Technology Education Association Conference*, Kansas City, KS.

Havice, W. L. (1994). *Display at Telepower Conference*, Oberlin, KS.

Havice, W. L. & Havice, P. A. (October, 1993). "Interactive Video: the Classroom of the Future". *Kansas Association for Educational Communications and Technology Conference*, Overland Park, KS.

Havice, W. L. (1993). "MacIntosh Computer and Laser Disc Instruction". *Kansas Association of School Librarians District Conference*, Hays, KS.

Havice, W. L. (1993). "Interactive Multimedia: A Dynamic Tool for the Technology Classroom". *Colorado and the Rocky Mountain States Tech Conference*, Denver, CO.

Havice, W. L. (1992). "HyperMedia In Instruction". *Colorado and the Rocky Mountain States Technology Conference*, Denver, CO.

Havice, W. L. (1992). "Use of Multimedia and Hypermedia In the Classroom". *Department of Technology Studies Drive-In Conference*, Fort Hays State University, Hays, KS.

Havice, W. L. (1992). "Media Integration". MacIntosh multi-media presentation, Fort Hays State University, Hays, KS.

Havice, W. L. (1992). "Screen Process Printing - Posterization". *Hays Photography Club*, Hays, KS.

Havice, W. L. (1992). "Computer Aided Drafting". *State of Kansas Board of Regents*, Hays, KS.

Havice, W. L. (1991). "Posterization Techniques". *Hays Photography Club*, Hays, KS.

Havice, W. L. (1991). "Screen Process Printing". *O'Loughlin Elementary*

School, Hays, KS.

Havice, W. L. (1991). "Multimedia Integration". *Apple Computer Workshop*, Fort Hays State University, Hays, KS.

Havice, W. L. (1991). "Forming A Successful Technology Education Collegiate Association (TECA) Chapter At Your Institution". Panel Presentation, *International Technology Education Association Conference*, Salt Lake City, UT.

Havice, W. L. (1991). "Images of India". *Colorado and the Rocky Mountain States Technology Conference*, Denver, CO.

Havice, W. L. (1990). "Emphasize Teaching Students". Panel Presentation, *International Technology Education Association Conference*, Indianapolis, IN.

Havice, W. L. (1989). "Field Trips: An Important Part of Technology Education". *Colorado and the Rocky Mountain State Industrial Arts/Tech Conference*, Denver, CO.

Havice, W. L. (1988). "Teaching Color Theory Through Multicolor Screen Printing," *5th Annual Industrial Technology Professional Seminar*, Kearney State College, Kearney, NE.

Havice, W. L. (1988). "PhotoArt Through Posterization". *Photo Club*, Hays, KS.

Havice, W. L. (1988). "Teaching Color Theory Through Multicolor Screen Printing," Kearney State College, Kearney, NE.

Havice, W. L. (1987). "Teaching Color Theory Through Multicolor Screen Printing," and Carousel of Action Participant, *Colorado and the Rocky Mountain Regional Industrial Arts/Tech Conference*, Denver, CO.

Havice, W. L. (1987). "Multicolor Screen Printing," *Colorado and the Rocky Mountain Regional Industrial Aristech Conference*, Denver, CO.

Havice, W. L. (1987). "Introduction to Computer Aided Drafting". *International Technology Education Association Conference*, Tulsa, OK.

Havice, W. L. (1987). "Computer Aided Drafting in Higher Education". *Conference on Higher Education Computing in Kansas*, Hays, KS.

Havice, W. L. (1987). "Computer Aided Drafting". *Hays Lions Club*, Hays, KS.

Havice, W. L. (1986). "Introduction to CAD". *Colorado and the Rocky Mountain Regional Industrial Arts Conference*, Denver, CO.

Havice, W. L. (1984). "Computer Aided Drafting: Its Implications for Industrial Education". *Fort Hays State University Drive-in Conference*, Hays, KS.

Havice, W. L. (1983). "Visual Communication Justification". *Pittsburg State University*, Pittsburg, KS.

Havice, W. L. (1983). *FHSU Computer Aided Drafting Workshops*, Hays, KS.

Havice, W. L. (1980). "Screen Printing Made Simple". *National American Industrial Arts Association Conference*, St. Louis, MO.

INVITED REVIEWER OF PROPOSALS:

Abstract reviewer American Society for Engineering Education, Fall 2009

STEM Initiative (2010) - NSF Project on Engineering Design advisory board for a project that the International Technology and Engineering Educators Association (ITEEA) is proposing to the National Science Foundation (NSF) that will provide professional development for secondary teachers of science, technology, engineering, and mathematics (STEM).

OTHER RESEARCH ACTIVITIES:

Urofsky, R., Havice, P. A. & Havice, W. L. (2007, April). *Distributed Learning Environments. 2007 Research Forum for the College of Health, Education and Human Development*, Clemson University: Clemson, SC.

Havice, P. A., Havice, W. L., Cawthon, T. W., Meehan, N. K., Gaither, S. C., Koch, A. & Dodgen, M. (2005, April). *Enhancing student digital portfolios: Rich media Web presentations. 2005 Research Forum for the College of Health, Education and Human Development*, Clemson University: Clemson, SC.

Cawthon, T. W., Havice, P. A., Havice, W. L., & Rogers, A. (2004, April). *The role of electronic portfolios in graduate education and training. 2004 Research Forum for the College of Health, Education and Human Development*, Clemson University: Clemson, SC.

- Havice, P. A., Cawthon, T. W., Havice, W. L., & Whitley, C. (2003, April).
 Creating a virtual advising and instruction system: Collaboration between
 UCG and the College of HEHD. *2003 Research Forum for the College of
 Health, Education and Human Development*, Clemson University:
 Clemson, SC.
- Havice, P. A., Havice, W. L., Isbell, C. & Watson, L. (2002, April). Bridging
 communities: Lifelong learning opportunities through distributed
 training. *2002 Research Forum for the College of Health, Education and
 Human Development*, Clemson University: Clemson, SC.
- Creating a virtual advising and instruction system: 2002 - 2004
 Collaboration between UCG and the College of HEHD
- Creating a virtual advising and instruction system: 2002 - 04
 Collaboration between Tri-County Technical College and
 the College of HEHD
- “Students’ Attitudes Towards Web-Based Learning Resources” 1999 - 2003
 Doctoral Dissertation Committee Member, Clemson University
- PT3 Project Jericho - Preparing Tomorrows Teachers to Use 1999 - 2001
 Technology Grant Project, instructional technology consultant
 and staff member, Clemson University
- “Attitudes and Reactions of Graduate Students Toward 1996 - 2001
 Two-Way Audio/Video and WebCT in Teaching of
 Multicultural Counseling Course” Doctoral Dissertation
 Advisor, Clemson University
- “Discover South Carolina Through HyperStudio Multimedia” 1997 - 1999
 Multimedia research project at Central Elementary School,
 Central, South Carolina
- “The Effect of Orthographic Projection Instruction on The 1996 - 1998
 Cognitive Style of Field Dependence-Independence in Human
 Resource Development Graduate Student's” Doctoral
 Dissertation Advisor, Clemson University
- Multimedia research at O'Loughlin Elementary School, Hays, KS 1991 - 96
- On-going research in Computer Aided Drafting, Screen 1990 - 1996
 Printing and Educational Technology Applications
- “Attitudes, Achievement, and Reactions of College Students 1994

Toward Integrated Media Presentation in Teaching of Computer Information Systems” Doctoral Dissertation, Kansas State University	
Instructional Unit Model “Orthographic Projection” Paper	1993
“Adult Learning Strategies" Paper	1993
“Critique and Comparison of Videodiscs Projects” Paper	1993
Review of “The Great Quake of '89” and “Vincent Van Gogh”	1992
Personal Response to Eliot Wigginton's book “Sometimes a Shining Moment: The Foxfire Experience” paper	1992
“Compact Disk as a Read-Only data storage Medium -- CD-ROM” Paper	1992
“Critical Review of AutoSketch” – Paper	1991
Technology Learning Activity “Multimedia”	1991
Special Investigations in Screen Printing, Pittsburg State University	1983
Special Research Project in Color Photography , Pittsburg State University	1983
Technical Research Problem, “ Photo Typesetting”, Pittsburg State University	1982
Technical Research Problem, “ Photo Mechanical Reproduction”, Pittsburg State University	1982
Research in Air-Brush Printing, Pittsburg State University	1982
“Problems in Drafting and Planning”, University of Northern Colorado, Paper	1981
“Industrial Education as General Education”, Fort Hays State University Paper	1979

SERVICE/OUTREACH

INSTITUTIONAL COMMITTEES:

Clemson University (1996-Present):

Technology and Human Resource Development (THRD) Committees

- Faculty Search Committee, Chairperson, 1999 - 2000
- Master of INED Admissions Committee, 1996 - 2001
- Curriculum Committee, 1996 - 2001
- PTAR Committee, 1996 - 2001
- Scholarship, Awards, and Honors Committee, 1996 - 2001
- Web Page Development, 1996 - 2003
- Advisory Committee, 1996 - 2003

School of Education Committees

- NCATE Task Force 1999 - 2000
- PTAR Committee, 2000 – 2001, 2016
- EOLD PTAR Committee, 2016
- NCATE Technology Committee, 1999-2000
- Accountability Act Committee
- Advisory Committee, 2000 – 2001
- PhD Advisory Committee – 2015 - 2016

College of Health, Education and Human Development (HEHD) Committees

- Technology and Learning Resources, 1996 – 2006
- Technology, Learning Resources, and Public Relations Committee, 2006 - Present
- Accountability Act Committee
- Technology Advisory Committee, 1996 - 2015
- Screening Committee for Information Resource Consultant I & II – eight times, 1996 - 2008
- Technology Plan Development Advisory Taskforce, 1999 – 2000
- Community and Diversity Committee, 2001 - Present
- Advisory Committee for the Academic Advising, 2001 – 2015
(Pilot tested the Graduate Advising Evaluation and Co-developed the Graduate Advising Evaluation tool)
- Leadership Development steering committee, 2008 - Present
(Assisted with development of 3 undergraduate/graduate leadership courses)

- Steering committee for Faculty and Student Affairs Collaborative Institute, 2007 - 2010
- Communications and Public Relations Committee, 2001 - 2015
- Dean's Advisory Council, 2001 - 2015
- Ad Hoc Committee – Distance and Distributed Learning – 2001 - 2004
- Ad Hoc Committee – HEHD Web site Development – 2001 – 2002

Clemson University Committees

- University Office of Teaching Effectiveness and Innovation
- Associate Deans for Undergraduate Programs, 2004 - 2015
- Advisory Board (OTEI), Multimedia Representative, 1998 – 2002
- Computer Advisory Committee, 2000 – 2015
- Laptop Advisory Committee, 2001 - 2015
- Academic Success Center Advisory Board, 2002 – 2015
- University Facilities Planning Advisory Committee, 2003 - 2015
- University Assessment Committee – Academic Integrity Assessment Subcommittee Focus Group Participant, 2002
- International Services Coordination Committee 2006 - 2010
- International Programs Coordination Committee 2006 – 2010
- National Center for Service-Learning in Teacher Education Grant Proposal Development Workshop, June 2002
- Clemson University Information Technology Council, 2007 – Present (Operations Committee and Software Sub Committee)
- Clemson University Freshmen Orientation Steering Committee, 2007
- Information Technology Council - Education Technology Council
- Enterprise Application Steering Committee
- Creative Inquiry Committee
- University Planning & Design Steering Committee - plan focusing on the current and future facility needs of the Southeast CU Campus, 2012
- Clemson University Enterprise Risk Management, Spring 2014
- Clemson University Engagement Council, Fall 2013
- HEHD/SOE Annual Classified Staff Awards Coordinator 2001 - 2015
-

ITEA Technology Foundation Scholarship Selection Committee 2008-09

Children's Engineering Summer Institute, Co-Coordinator July 2007

Technology and Engineering Summer Camp, Co-Coordinator, July 2006 - 08

Summit II on the Freshman Year Experience, College of Health, 2003

Education and Human Development Representative, Clemson University	
Summit on the Freshman Year Experience, College of Health, Education and Human Development Representative, Clemson University	2002
Tiger "Tech-Know-Logy" Challenge, Co-Coordinator	1997 - 1998
Technology Central Summer Camp, Co-Coordinator	1998
Epsilon Pi Tau (EPT) Honorary Fraternity, Co-Trustee of Charter Gamma Tau Chapter, Department of Technology and Human Resource Development	1997 - Present
Clemson University-Technology Education Chapter (CU-TEC) Co-Advisor and Coach	1996 - 2002
<u>Regional TECA Competition Student Awards:</u>	
• Problem Solving - 2 nd place	1999
• Technical Presentation – 1 st place	1999
• Technical Presentation – 1 st place	2000
• Technical Presentation – 2 nd place	2001
<u>National TECA Competition Student Awards:</u>	
• Technology Challenge – 3 rd place	1997
• Technical Presentation – 1 st place	1998
• Technical Presentation – 1 st place	1999
• Technical Presentation – 3 rd place	2000
• Technical Presentation – 4 th place	2001
• Membership Award	2001
Technology and Human Resource Development Web Page Development (Supervised Graduate Students)	1996 - 2001
Technology Advisory Committee College of Health, Education and Human Development	1996 - Present
Accountability Act Committee School of Education, College of Health, Education and Human Development	1998 - 2001

Discover Clemson Visitation Day, College Representative College of Health, Education and Human Development	1997 - 1998
Celebrate Clemson, Department Representative Department of Technology and Human Resource Development	1998
Representative at Leadership Clemson Department of Technology and Human Resource Development	1997 - 1998
College of Health, Education and Human Development Promotional Video	1996 – 1997, 2003

Fort Hays State University (1986-1996):

Internet Infusion Network (SIIN) Group Member Educational Development Center School	1996
Instructional Technology Policy Advisory Committee	1996
Outstanding Teaching Technology Innovations Committee	1996
Mediated Classroom Design Team	1996
Western Kansas Regional Science Olympiad Judge and Activity Coordinator, Hays, KS	1995 - 1996
Instructional Technology Policy Advisory Committee	1995 - 1996
Teaching, Learning, and Technology Round Table	1995 - 1996
Alumni/Admissions Ambassador	1995 - 1996
Faculty Senate Member, Academic Affairs Committee Member	1996
Master of Technology Degree Development Committee Member	1994 - 1996
Fort Hays State University - various graduate committees in Curriculum and Instruction, Technology Studies, and Art Departments	1989 - 1996
Parents and Senior Day Committee	1989 - 1996
Technology Education Collegiate Association (TECA) Advisor and Coach	1985 - 1996

Regional TECA Competition Student Awards:

- Manufacturing Regionals - 1st place 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1995; 2nd place 1994
- Problem Solving - 1st place 1992, 1995
- Live Communication - 1st place 1987, 1995
- Technology Challenge - 1st place 1989
- Technical Presentation – 1st place 1993, 1995
- Transportation – 1st place 1994, 2nd place 1993

National TECA Competition Student Awards:

- Outstanding Chapter 1993
- Manufacturing - 1st place 1987, 1989, 1990, 1991, 1992, 1993, 1994; and 2nd place 1988, 1996

Technology Education Fair (Competition Chairman, Publicity Chairman, Co-Placement Chairman) Department of Technology Studies	1979 - 1996
Faculty Search Committee, Department of Technology Studies	1993 - 1996
Scholarship Selection Committee, Department of Technology Studies	1995
Annual Boy Scout's Camporee Counselor, Western Kansas	1987 - 1996
Instructional Media Committee (IMC)	1992 - 1994
Information Management Task Force	1993
Interactive Leadership Development Committee	1993
Western Kansas Development Policy Board	1993
President's Media Merge Task Force	1992 - 1993
Faculty Senate Alternate Department of Technology Studies	1991 - 1993
Teacher Education Cultural Diversity Task Force College of Education	1992
University Computer Advisory Committee	1990 - 1992

Computer Advisory Committee, College of Education	1990 - 1992
NCATE Committee - Relationship to the World of Practice College of Education	1990 - 1992
President's Distinguished Scholar Committee	1991
CAD Development, Planning Office, FHSU	1991
AT&T Grant Proposal Committee	1991
Technology Committee Member College of Education	1991
Graphics Lab Committee Member	1990
Computer Lab Committee, College of Education	1990
Education Technology Faculty Member Search Committee College of Education	1990
Epsilon Pi Tau - Organization Co-Trustee Department of Technology Studies	1979 - 1989
Faculty Senate Alternate Department of Technology Studies	1985 - 1988
Catholic Campus Center: Parish Council Member	1985 - 1987
Vice President of Parish Council	1986 - 1987
Faculty Men's Club, Vice President	1986 - 1987

PROGRAM DEVELOPMENT/ACCREDITATION – 1992 - Present:

Havice, W., Bevans, S., Cathell, M., International Technology and Engineering Educators Association, STEM Center for Teaching and Learning, I-STEM FocalPoints. (<i>Development Team Member</i>)	2015
Havice, W.L., & Hill, R., International Technology and Engineering Educators Association / Council on Technology and Engineering Teacher Education / Foundation for Technology and Engineering Educators (ITEEA/CTETE/FTEE), <i>Early Career Leadership and Professional Development Initiative: Twenty-first</i>	2006-2015

Century Leadership Academy (Leadership Development Committee initiative to facilitate leadership development in emerging technology professionals). Reston, Virginia

<http://www.iteea.org/Membership/21CenturyLeaders/leaders.htm>

Havice, W., & Price, S., Clemson University Student Affairs and College of Health, Education, and Human Development Leadership Certificate 2008 – 2016

<http://www.clemson.edu/hehd/departments/leadership/index.html>

Developed Exploring Engineering and Technology Enrichment Program (a week long summer camp for middle school students) Summer 2006 - 2010

Havice, W.L., & Hill, R., International Technology Education Association Council on Technology Teacher Education (ITEA/CTTE), *CTTE Twenty-first Century Leader Associates* (CTTE Leadership Development Committee initiative to facilitate leadership development in emerging technology professionals). Reston, Virginia 2006 - 2010

Symposium titled, The School District of Pickens County (SDPC) Symposium on Teaching and Learning STEM Standards for the 21st Century” was held August 3-5, 2009 at the Tri-County Technical College (TCTC) Anderson campus. 2009

Co - Developed Children’s Engineering Summer Institute (a three credit hour summer course for elementary school teachers) Summer 2007

Science, Technology, Engineering & Mathematics (STEM) Education: Improving Student Learning by Teaching STEM Standards Contextually, Madren Conference Center, Clemson University February 2007

Science, Technology, Engineering & Mathematics (STEM) Education: Improving Collaboration in Anderson, Oconee, and Pickens Counties, Madren Conference Center, Clemson University September 2006

Developed new workshop: Using the Interactive Whiteboard 2006

Developed new course for new Science, Technology, 2004

and Society (STS) general education requirement – Exploring Technology - THRD #212	
Developed new instructional technology course for Nursing Education Option	2001
Developed Internet based materials used to deliver materials in: THRD 484/684, 486/686, 810 and 860	1998 - 2000
Developed PowerPoint presentations used to deliver materials in: THRD 180, 280, 484, 486, and 860	1996 - 2000
Developed extensive instructional media used to deliver materials in: THRD 180, 280, 484, 486, and 860	1996 - 2000
Developed curriculum for new Master of Science Degree in Instructional Technology	1994 - 1996
Special Education #810	1993 - 1996
Developed curriculum for new Bachelor’s Degree in Information Networking and Telecommunications	1994 - 1995
Developed PowerPoint presentations used in mediated classroom to deliver materials in: Communication Systems # 110, Multimedia Applications #506, and Construction Graphics #415.	1994 - 1995
Developed HyperCard stacks to support curriculum for Communication Systems courses	1990 - 1995
Arranged field trips to industrial facilities in Kansas City and Denver	1989 - 1995
Incorporated computer aided instruction (CAI) in Communication Systems courses	1989 - 1995
Designed New Communication Systems Lab Supervised students who documented the design process	1994
Updated safety materials for the Communications Lab	1994
Developed curriculum for new “Instructional Technology - CUIIN #775” graduate course	1994

Developed curriculum for new “Communication Systems” course	1992
Developed and produced slide program, “Introduction to Computer Aided Drafting”	1992
Developed and produced slide program, “Introduction to Color Theory”	1992
Incorporated desktop publishing in Graphic Communications	1992

**INSERVICES AND PUBLIC SPEAKING ENGAGEMENTS –
1992 - Present:**

<u>Invited Visiting Scholar</u> – Guest lecturer for doctoral students in Department of School Education, Faculty of Humanities, Tomas Bata University (TBU), Zlin in Czech Republic	summer 2016
Invited Scholar– National Taiwan Normal University International Visiting Scholar Program, Department of Technology Application & Human Resource Development, College of Technology, National Taiwan Normal University, Taipei, Taiwan – Presentations included, “STEM Education: Upstate South Carolina”, “Elementary Integrative STEM Education”, “Professionalism in Technology and Engineering Education”, and “Technology and Engineering Facilities”.	2013
Invited Scholar – Industrial Technology Education Department, National Kaohsiung Normal University, Kaohsiung, Taiwan – Presentation, “STEM Education: Upstate South Carolina”.	2013
Invited Scholar – Graduate Institute of Technological and Vocational Education, National Pingtung University of Science and Technology, Pingtung, Taiwan – Presentation “STEM Education: Upstate South Carolina”.	2013
Invited Panel Member - STEM Education in the Upstate of South Carolina, Education and Business Summit, Greenville, SC	2012
Invited Speaker – Clemson University Houston Center Faculty Development Program - Two-way interactive video conferencing technology, smart-classrooms, and other educational technologies. Clemson University, Clemson, SC	2007
Goodland High School Commencement Address (Invited)	2007

Goodland, KS	
Invited Speaker - Technological literacy for all. Greenville Technical College, Greenville, SC	2006
Invited Keynote Address - Technological literacy for all. Partnership for Academic and Career Education (PACE) Workshop. Clemson, SC	2006
Keynote Address – Epsilon Pi Tau – “Professionalism”, Epsilon Pi Tau Initiation, Clemson, SC	2006
Invited Keynote Address – Epsilon Pi Tau - “Leadership”, Epsilon Pi Tau Initiation, Clemson, SC	2004
Invited Keynote Address - Foundation for Technology Education “Spirit of Excellence” Program - “Leadership”, <i>International Technology Education Association Conference</i> , Nashville, TN	2003
Invited Speaker – “Technology and Technological Literacy”, Camperdown Academy, Greenville, SC	Fall 2002
Invited Keynote Address Co-Speaker – “The Impact of New Technologies on Higher Education”, Gerald Lovedahl and William Havice, The American Association of University Professors, Fall Assembly, Clemson University, Clemson, SC	Fall 2000
Desktop Video Conferencing, Bell South Instructional Technology Workshop, Hendricks Student Center, Clemson University	2000
International Technology Education Center to Advance the Teaching of Technology and Science Professional Development Workshop, Jonesburo, Georgia	1999
Technology Enhancement Center Program “Communication Technology” Central Connecticut State University, New Britain, CT	March, 1998 and February, 1999
Information Networking Colloquia Presentation and Discussion Panel Member	May, 1996
Information Networking Colloquia Presentation and Discussion Panel Member	February, 1996

In-service "HyperCard Programming" at Palco, KS Elementary School	February, 1996
Workshop for the North Central Kansas Educational Development Service Center "CD-ROM and Laserdisc Technology" at Almena, KS High School	December, 1995
"Technology", Kiwanis Club, Hays, KS	November, 1995
In-service "Multimedia Applications" at Palco, KS Elementary School	October, 1995
Montana State University, Havre-Great Falls, MT Invited Speaker for Faculty In-service - "Utilizing ITV and Multimedia in Higher Education"	September, 1995
Workshop for the Fort Hays State University Educational Development Center, Introduction to CD-ROM and Laserdisc Technology	October, 1994
Workshop for the Fort Hays State University Educational Development Center, "Making Multimedia Work For You"	December, 1994
International Spice Program, FHSU Backdoor	November, 1994
Utilizing Computers in Writing Workshop	March, 1994
In-service at O'Loughlin Elementary School	Spring, 1994
Outreach Course Session Instructor - Garden City, KS	November, 1993
In-service at Washington Elementary School	August, 1993
In-service at O'Loughlin Elementary School	Spring, 1993
Guest Lecturer - CUIN #431 - "Cultural Diversity"	Spring, 1993
Guest Lecturer - ACES #495 - 2 sections "Educational Technology"	Spring, 1993
Outreach Course Session Instructor - Dodge City, KS	February, 1993
American Association of University Women Career Fair, Felten Middle School, Hays, KS	Spring, 1992, 1993

Board of Regents Presentation – “Computer Aided Drafting”	Fall, 1992
Guest Lecturer - CUIN #775 – “Multimedia Applications”	Spring, 1992
Outreach Course Session Instructor - Garden City, KS	November, 1992

MEMBERSHIPS AND PROFESSIONAL ORGANIZATIONS:

Current:

American Society for Engineering Education (ASEE)	2007 – 2016
International Technology and Engineering Educators Association (ITEEA) – <i>Formerly International Technology Education Association (ITEA)</i>	1979 - 2016
- ITEA Board of Directors	1999 - 2001
- Technology Education for Children Council (TECC)	1993 – present
- Council on Technology and Engineering Teacher Education (CTETE)	1990 – present
- Leadership Sub-Committee – Co-Chairperson	2004 - present
- Collegiate Student Association Sub-Committee	1990 – present
- Technology Education Collegiate Association (TECA)	1987 - present
- TECA International Advisor	1996-1999
South Carolina Association of School Administrators (SCASA)	2016
Epsilon Pi Tau (EPT) -	1979 - Present
<i>Co-trustee - Fort Hays State University and Clemson University</i>	1975 – 2006
International Society for Technology in Education (ISTE)	1997 – 2005
National Association Student Personnel Administrators (NASPA)	2004 - 2007
Association for Educational Computing and Technology (AECT)	1997 - 2007
Graphic Arts Technical Foundation (GATF)	2002 – 2004
The South Carolina Technology Education Association	1996 - 2010

Past:

South Carolina Association for Educational Technology

American Society for Training and Development (ASTD)
 American Association for Adult and Continuing Education (AAACE)
 South Carolina Association for Educational Technology
 American Vocational Association (AVA)
 National Education Association (NEA)
 Association for the Development of Computer Based Training
 Instructional Systems (ADCIS)
 Kansas Technology Education Association (KTEA)
 Kansas Association Educational Communications and Technology (KAECT)
 Phi Kappa Phi

PROFESSIONAL CONFERENCES ATTENDED:

International Conference on Education and New Developments 2016 - END 2016, Ljubljana, Slovenia	June 2016
South Carolina Education and Business Summit, TD Convention Center, Greenville, South Carolina.	June 2016
Annual International Technology and Engineering Educators (ITEEA) Conference – various locations	1979 - 2016
Annual Southeastern Technology Education Conference – Various locations around southeastern part of the country	1996 – 2010, 2015
Mississippi Valley Technology Teacher Education Conference, Nashville, TN.	2015
International Conference on Education and New Developments 2015 - END 2015, Porto, Portugal	June 2015
South Carolina’s Summit on STEM, Lexington, SC	August 2012
EduComm at InfoComm04, 06, 07, 09, & 11 (Professional audiovisual communications and systems integration conference) (Scholarship Recipient)	2004, 2006, 2007, 2009 & 2011
InfoComm04, 06, 07, 09, 11 (Professional audiovisual communications and systems integration conference)	2004, 2006, 2007, 2009 & 2011
6 th Annual Hawaii International Conference on Education, Honolulu, HI.	2008

Annual National Association of Student Personnel Administrator 2002 - 2008
Conference – various locations

The Center for Engineering Education Outreach at Tufts University June, 2007
Seminar, Adam Carberry, Tufts University. Sponsored by the Clemson
University Department of Engineering and Science Education.

Understanding Mathematical Thinking and Engineering Design: March, 2007
Insights and Opportunities for STEM Education Seminar,
Monica Cardella, Center for Design Research, Stanford University.
Sponsored by the Clemson University Department of Engineering
and Science Education.

Taking Action Together: Developing a National Action Plan September, 2006
to Address the T&E of STEM Forum, National Academy of
Engineering, Washington, DC (Invited)

Mississippi Valley Technology Education Conference 2007, 2015
Nashville, TN.

4th Annual Hawaii International Conference on Education, 2006
Honolulu, HI.

3rd Biennial International Technology Education Research 2004
Conference, Queensland, Australia

Syllabus International Conference 2003 & 2005

Annual National Association Student Personnel 2001 - 2006
Administrators (NASPA) Conference – various locations

Southern Association of College Student Affairs Conference, 2004
Chattanooga, Tennessee

Keystone Conference – Making the K-12 Videoconference Connection, 2004
Indianapolis, Indiana

Southern Association of College Student Affairs Conference, 2003
Myrtle Beach, SC

Oxford Round Table at St. Antony’s College, Oxford University, 2002
Oxford, England

Our Community’s New Workplace II Conference, Partnership for 2002

Academic and Career Education, Clemson University	
South Carolina's Educational Technology Conference – EdTech 2001, Myrtle Beach, South Carolina	2001
Annual Technology Education Collegiate Association (TECA) Eastern Regional Conference, Virginia Beach, VA	1997 - 2001
Distance Learning Programs and Initiatives at Clemson University: Past, Present and Future	2001
Southeastern Regional Association of Teacher Educator (SRATE) Conference, Lexington, Kentucky	2000
South Carolina's Educational Technology Conference – EdTech 2000, Charleston, South Carolina	2000
Learn Tec '99, Miramichi, New Brunswick, Canada	1999
Annual Four-State Regional Technology Conference, Kansas Technology Center, Pittsburg State University, Pittsburg, KS	1980, 1983, 1996
Training Magazine's 21st Annual TRAINING Conference and Expo Atlanta, Georgia	1998
Lowcountry Instructional Technology Conference, Charleston, SC	1997, 1998
Teacher Education Conference of South Carolina (SCATE), Charleston, SC	1997
American Association for Adult and Continuing Education's Annual Adult Education Conference (AAACE)	1996 – 1997, 1999
International Technology Education Association – Collegiate Student Association Committee	1988 - 2000
Annual Technology Education Collegiate Association (TECA) Eastern Regional Conference, Various locations	1997 – 2000
Colorado and the Rocky Mountain States Technology Education Collegiate Association (TECA) Conference Competition Co-Coordinator	1985 – 1988 and 1990 - 1997

Annual Colorado and the Rocky Mountain States Industrial Arts/Technology Conference, Denver, CO	1985 - 1997
The South Carolina Technology Education Association Meeting Spartanburg, SC and Orangeburg, SC	1996
South Carolina Association for Educational Technology Eleventh Annual Conference, Greenville, SC	1996
Annual Fort Hays State University Drive-In Conference for Technology Education	1983 - 1995
Kansas Association for Educational Communications and Technology Tri-Conference, Overland Park, KS	1993
Colorado and the Rocky Mountain States Industrial Arts/Technology Conference Committee Member	1989
Colorado and the Rocky Mountain States Technology Education Collegiate Association (TECA) Conference Coordinator	1989
International Graphic Arts Conference, Pittsburg, KS	1982

COMMUNITY (PUBLIC) SERVICE

Clemson University Summer Reading Program	2006 - 2016
Anderson, Oconee, and Pickens Counties STEM Council Quarterly Meetings	2006 - 2016
Outside Evaluator - Tenure/Promotion, North Carolina State University	2016
Outside Evaluator - Tenure/Promotion, University of Idaho	2016
Professional Development Workshops for Teachers: <ul style="list-style-type: none"> • Integrative STEM Education Professional Development Workshops, Tri-County Technical College, October 8th and 15th, 2015 • 3D Printing Workshop, Ag Museum, Pendleton, SC, 2016 • 3D Printing Workshop, Tillman Media Center, Clemson University 	
Coordinator - Anderson, Oconee, and Pickens Counties Integrative STEM Education Competitions:	2015 - 2016

- Regional Fuel Cell Challenge, May 6, 2016
- Regional Jet Toy Challenge, March 4, 2016
- Regional Glider Challenge, March 18, 2016
- Anderson, Oconee, and Pickens Counties TSA/TEAMS (Technology Student Association - Tests of Engineering Aptitude, Mathematics and Science (TEAMS) Program, February 25th, TCTC

Member of the Pendleton Regional Education Center Advisory Board (RECAB) (invited inaugural meeting chairperson) to provide guidance for and exercise oversight of activities as mandated under the 2005 Education and Economic Development Act (EEDA) in Anderson, Oconee, and Pickens counties of South Carolina (Invited) 2007 - Present

Member of the Partnership for Academic and Career Education (PACE) Coordinating Board - PACE Board – A business and education consortium facilitating the development of Tech Prep and School-to-Work programs for the students in Anderson, Oconee, and Pickens counties of South Carolina (Invited) 2012 - Present

Technology and Engineering Teacher Educator of the Year Award Selection Committee, International Technology and Engineering Educators Association (ITEEA) Council on Technology and Engineering Teacher Education (CTETE) 2013 - 2016

United Way of Pickens County South Carolina – Education Council Member 2013 – 2015

Council for the Accreditation of Educator Preparation (CAEP) Program Reviewer for the International Technology and Engineering Educators Association (ITEEA) Council on Technology and Engineering Teacher Education (CTETE) 2011 – 2015

National Council for Accreditation of Teacher Education (NCATE) Board of Program Reviewers 2006 – 2011

Outside Evaluator - Tenure/Promotion, Brigham Young University 2013

Outside Evaluator - Tenure/Promotion, Virginia Tech 2013

Outside Evaluator - Tenure/Promotion, Purdue 2013

Science, Technology, Engineering, and Math (STEM) Education Institute: Improving Student Learning by Teaching STEM Summer 2013

Standards Contextually, Clemson University and Tri-County
Technical College, SC

Science, Technology, Engineering, and Math (STEM) Education Summer 2012
Institute: Improving Student Learning by Teaching STEM
Spartanburg School District #7, Spartanburg, SC

ITEEA Critical Issues Committee - Committee has been charged by 2012
the ITEEA Board of Directors with the task of identifying and
prioritizing five to ten issues that have the potential of seriously impacting
the future of Technology Education and the members of ITEEA. The list of
issues generated by this committee will be presented to the Board of
Directors for action.

ITEA Critical Issues Committee - Committee has been charged by the 2010
the ITEA Board of Directors with the task of identifying and
prioritizing five to ten issues that have the potential of seriously impacting
the future of Technology Education and the members of ITEA. The list of
issues generated by this committee will be presented to the Board of
Directors for action.

Taking Action Together: Developing a National Action Plan September 2006
to Address the T&E of STEM Forum, National Academy of
Engineering, Washington, DC (Invited)

Science, Technology, Engineering, and Math (STEM) Education Spring 2007
Seminar: Improving Student Learning by Teaching STEM
Standards Contextually, Clemson University and Tri-County
Technical College, Madren Center, Clemson University, Clemson,
South Carolina

Science, Technology, Engineering & Mathematics (STEM) September 2006
Education: Improving Collaboration in Anderson, Oconee,
and Pickens Counties, Madren Conference Center,
Clemson University

Science, Technology, Engineering, and Math (STEM) Taskforce 2006 - Present
Clemson University and Tri-County Technical College, Madren
Center, Clemson University, Clemson, SC

Science, Technology, Engineering, and Math (STEM) Taskforce 2007
Clemson University and Tri-County Technical College, SC

Invited Judge for the South Carolina Technology Student 2007 -2008
Association State Conference, Clemson University, Clemson, SC

Invited Mentor – Higher Education Leadership Program, Project Title: Science, Technology, Engineering, and Mathematics Educators Taskforce, Co-Chair with Dr. Gerald L. (Jerry) Marshall, Head, Mathematics Department, Tri-County Technical College	2006-07
Invited Member of the National Education and Training Cluster Advisory Board, Kansas City, KS	Spring 2007
Science, Technology, Engineering, and Math (STEM) Education Seminar, Clemson University and Tri-County Technical College, Madren Center, Clemson University, Clemson, South Carolina	Fall 2006
Invited Member of the National Education and Training Cluster Advisory Board, Phoenix, Arizona	2006
Clemson University Freshmen Summer Reading Program Facilitator	2003 – Present
Outside Evaluator - Tenure/Promotion, University of Georgia	2006
NCATE Board of Examiners Review Team – North Carolina	Spring 2006
Invited co-chairperson for the International Technology Education Association Council on Technology Teacher Education Leadership Committee, Restin, Virginia	2005 – Present
Invited ongoing co-chairperson for the Annual International Technology Education Association Program Awards Committee, Restin, Virginia	2002 – Present
NCATE/ITEA/CTTE Program Reviewer	2002 – Present
Outside Evaluator - Tenure/Promotion, Old Dominion University	2005
Outside Evaluator - Tenure/Promotion, Colorado State University	2005
NCATE Board of Examiners Review Team – Ohio	Fall 2005
NCATE Board of Examiners Review Team – South Dakota	Fall 2004
NCATE Board of Examiners Review Team – Illinois	Spring 2004
NCATE Board of Examiners Review Team - Michigan	Fall 2003
Outside Evaluator - Tenure/Promotion, Old Dominion University	2003
NCATE Board of Examiners Review Team - Kentucky	Fall 2002

Outside Evaluator - Tenure/Promotion, Colorado State University	2002
Invited Member of the Governor's Workforce Education Taskforce Recommendations Review Team, <i>Pathways to Prosperity: Success for Every Student in the 21st Century Workplace</i> , South Carolina Department of Education, Office of Career and Technology Education, Columbia, South, Carolina	2002
Invited Member of the National Education and Training Cluster Advisory Board (South Carolina Representative), Department of Career Development, State of Michigan, Lansing, Michigan	2002
Invited reviewer for Village Green Project Mini Grants, Greenville School District, Greenville, SC	2001
Member of the Partnership for Academic and Career Education (PACE) Coordinating Board - PACE Board – A business and education consortium facilitating the development of Tech Prep and School-to-Work programs for the students in Anderson, Oconee, and Pickens counties of South Carolina	2001 - 2007
Member of the School-to-Work Partnership Committee – School to Work Act of 1994, Anderson, Oconee, and Pickens counties of South Carolina	2001 - Present
Pearce Center - PowerPoint Project	2001 – 2002
National Council for Accreditation of Teacher Education Board of Examiners (NCATE) Member	2000 – 2006
NCATE Board of Examiners Review Team – Florida	Fall 2002
NCATE Board of Examiners Review Team (State Representative) – South Carolina	2001
Special Tenure/Rank Review Committee, College of Business and Public Affairs	2001
Invited reviewer for the Educational Testing Service materials describing the occupation Teacher, Technology Education, interactive career guidance system called SIGI PLUS	2001

Invited reviewer for the International Technology Education Elementary Grants – Advancement of Technology Education in the Elementary Schools (K-6), Reston, Virginia	2001
Invited reviewer for “Dream, Design, Destiny,” Greenville School District’s Technology Grant	2000
Epsilon Pi Tau (EPT) Honorary Fraternity Co-Trustee of Charter Gamma Tau Chapter Technology and Human Resource Development	1997 – Present
Clemson University-Technology Education Chapter (CU-TEC) Co-Advisor - Technology and Human Resource Development	1996 – 2001
Technology and Human Resource Development Multimedia Lab Supervisor	1996 – 2001
Member of the Board of Trustees – The Foundation for Technology Education (FTE), Reston, Virginia	1999 - 2001
Member of the Board of Directors – The International Technology Education Association (ITEA), Reston, Virginia	1999 - 2001
Editor for the International Student Technology Education Collegiate Association (TECA) College Comment, an affiliate of International Technology Education Association (ITEA)	1997 - 1999
Clemson University Parents' Council, Clemson University, Clemson, SC (Mailed letters to prospective freshmen)	1998 - 1999
Technology Central Summer Camp'98, Central Elementary School, Central, SC	1998
International Technology Education Association/Council on Technology Teacher Education NCATE Board of Examiners Alternate	1998
International Student Advisor for Technology Education Collegiate Association (TECA), affiliate of International Technology Education Association (ITEA)	1997 - 1999
Central Elementary School - Computer Applications Volunteer, Central, SC	1997 - 1998

Reporter for The South Carolina Technology Education Association Newsletter	1996 - 1998
Camp Horizon, Consultant and Workshop Facilitator, Stone Mountain, Georgia	1997
Tri-Parish Jr. Youth Group - Screen Printing Workshop Clemson, Seneca, and Walhalla, SC	1997
Morrison Elementary School - South Carolina Information Network (SCINET) Volunteer, Clemson, SC	1996 - 1997
Morrison Elementary School - Computer Software Fair Volunteer, Clemson, SC	1996
Clemson Girl Scout Troop #90 - Screen Printing Workshop	1996
Hays Information City Advisory Group Education Subcommittee	1995-1996
Reporter for the Kansas Technology Education Association Newsletter	1993 - 1996
Computer Aided Drafting Program Development	1985 - 1996
Techno-Kids Program at the Children's Center and the O'Loughlin Elementary School, Hays, KS	1994 - 1995
Compuplay Board Member Vice-President 1994	1992 - 1995
Education Consultant - Educational Technology Consultant, Screen process printed signs and notebooks for University	1991 - 1995
Hays Area Children's Center, Inc., Technology Board Member	1991 - 1993
License Tag Fund Raiser - Hays Lions Club	1988
Logo Development - St John Rest Home, Hays, KS	1986
Logo Development - Ellis County Cancer Council, Hays, KS	1986

Non-Professional:

St. Andrew's Church Choir Member	2001 - 2013
Clemson Community Christmas Program	2000, 2001, 2003, 2005
O'Loughlin School PTA - Coordinator for Teacher Appreciation	1995 - 1996
Sunday School Teacher - 5th Grade, St. Nicholas Church	1995 - 1996
Meals On Wheels Transportation Coordinator	1991 - 1993, 1995 - 1996
Salvation Army Volunteer	1992, 1993, 1994, 1996
Girl Scout Assistant Leader - Troop #23 and #30	1989 - 1996
Hays Lions Club - member and 3rd Vice President	1994 - 1996
O'Loughlin School PTA - 4th Grade Representative	1994 - 1995
Fort Hays State University Track Meet helper	1993 - 1995
Sunday School Teacher - 4th Grade, St. Nicholas Church	1994 - 1995
FHSU Telethon	1989 - 1995
O'Loughlin School PTA - 3rd Grade Representative	1993 - 1994
Sunday School Teacher - 3rd Grade, St. Nicholas Church	1993 - 1994
Hays Arts Council	1989 - 1994
O'Loughlin School PTA - President	1992 - 1993
Felten Middle School Career Fair - Sponsored by the Hays Branch of AAUW	1992 - 1993
O'Loughlin School PTA - Vice President	1991 - 1992
Sunday School Teacher - 2nd Grade, St. Nicholas Church	1991 - 1992
Hays Photo Club	1989 - 1992
O'Loughlin School PTA - Classroom Representative	1990 - 1991

Sunday School Teacher - 1st Grade, St. Nicholas Church	1990 - 1991
Hays Recreation Girls Softball Coach	1976, 1990
FHSU Telethon	1986 - 1993
Wilson Home and School Association	1985 - 1989
Head Table Official - Kansas 1, 2, 3A Slate High School Wrestling Tournament	1979 - 1987
Spring Well	1987
Liturgy Committee - Catholic Campus Center	1987
Faculty Men's Club - Vice President	1987
Renew - Catholic Campus Center	1986 - 1987
United Fund - Team Captain	1986 - 1987
Catholic Campus Center - Parish Council	1985 - 1987

HONORS AND DISTINCTIONS

Professional

Invited Visiting Scholar – Guest lecturer for doctoral students summer 2016
in Department of School Education, Faculty of Humanities,
Tomas Bata University (TBU), Zlin in Czech Republic

International Travel Award– *International Technology and* 2016
Engineering Educators Association (ITEEA) Council on
Technology and Engineering Teacher Education (CTETE)
(\$1,000.00)

Ten Year Award - 21st Century Leadership Academy Program 2016
Director, *International Technology and Engineering Educators*
Association (ITEEA) Council on Technology and Engineering Teacher
Education (CTETE)

Certificate of Recognition – Systematic Leadership 2015 - 16
Development Program Task Force Leader, *International*
Technology and Engineering Educators Association (ITEEA)
Council on Technology and Engineering Teacher Education (CTETE)

Certificate of Recognition – 21st Century Leadership 2014 - 16
Academy Task Force Leader, *International Technology*
and Engineering Educators Association (ITEEA) Council
on Technology and Engineering Teacher Education (CTETE)

Certificate of Recognition – Systematic Leadership 2014 - 15
Development Program Task Force Leader, *International*
Technology and Engineering Educators Association (ITEEA)
Council on Technology and Engineering Teacher Education (CTETE)

Invited Visiting Scholar - Taiwan Normal University International Fall 2013
Visiting Scholar Program, Department of Technology
Application & Human Resource Development, National
Taiwan Normal University, Taipei, Taiwan

Marquis Who's Who, 20th Anniversary 1993 – 2013

Lockette/Monroe Humanitarian Award, *International* Spring 2012
Technology and Engineering Educators Association (ITEEA)

Technology and Engineering Teacher Educator of the Year Spring 2012

Award, International Technology and Engineering Educators Association (ITEEA) Council on Technology and Engineering Teacher Education (CTETE)

Clemson University Board of Trustees 2012 Award for Faculty Excellence	Spring 2012
Who's Who in North American Education, 2012-2013 Edition	2012
Who's Who in Academia, 2011-2012 Edition	2012
Honorable Mention in the Excellence in Education Category, <i>Sonic Foundry's Annual Rich Media Impact Awards</i>	Spring 2010
Clemson University Board of Trustees 2009 Award for Faculty Excellence	Spring 2010
Who's Who in North American Education, 2010-2011 Edition	2010
Biltmore 2009 Honors Edition of Who's Who Among Executives and Professionals	2009
Award of Excellence for participation in the International Technology Education Association - Council on Technology Teacher Education - National Council on Accreditation of Teacher Education Program Report Review Process – 1998 thru Present	2009
Marquis Who's Who in American Education, 8 th edition	2007 – 2008
Robinson O. Everett Teaching Portfolio Award (first place) (Dyches, C., Zhang, Y. & Havice, W. L., Society of Teaching and Learning Conference. Myrtle Beach, SC)	2008
Goodland High School Commencement Address (invited) Goodland, KS	May 19, 2007
Who's Who Among America's Teachers & Educators, 11 th edition	2006 – 2007
Award for Faculty Excellence, Clemson University Board of Trustees, Clemson University	2006
Selected as finalist in Sonic Foundry's Annual Rich Media Impact Awards	Spring 2006

Fort Hays State University Alumni Achievement Award (highest award given to a university graduate)	Fall 2005
Awarded the International Technology Education Association Council on Technology Teacher Education Yearbook Award, Kansas City, Missouri	Spring 2005
Award for "Excellence in Leadership" by the Foundation for Technology Education at the International Technology Education (ITEA) Conference in Nashville, TN	2003
Selected from higher education professionals across the world to attend the Oxford Round Table conference, Oxford, England	Summer 2002
International Who's Who of Professionals	2000 – 2001, 2001 - 2002
Selected and participated in the Technical Foundation of America's Marketing Technology Education Workshop, Grand Hotel, Stockholm, Sweden	2001
Selected and participated in the Technical Foundation of America's International Technology Education Forum, Stockholm, Sweden	2001
Advancement of Technology Education in the Elementary Schools (K-6) Grant Selection Committee, International Technology Education Association (ITEA), Reston, Virginia	2001
Recognition Award for Special Contributions to the Technology Education Collegiate Association Competitive Events Program by the International Technology Education Association (ITEA)	2001
Selected for the "Honor Roll" Recognizing Excellence in Leadership and Service to the Technical Foundation of America (TFA), Naples, Florida	2000
Awarded the Epsilon Pi Tau - International Honorary for Professions in Technology Laureate Citation, Bowling Green, Ohio	2000
International Who's Who of Information Technology	2000
JumpStart 2000 Challenge Judge - Parade and React magazines, the National Science Foundation, the National Science Board, and the White House Millennium Council	2000

Award for Faculty Excellence, Clemson University Board of Trustees, Clemson University	1999
The International Technology Education Association (ITEA) “Leader to Watch Award”	1999
Nominated for the Prince Award for Innovation in Teaching, Clemson University	1999
Awarded the Distinguished Technology Educator (DTE) Designation by the International Technology Education Association (ITEA)	1998
Selected as a charter team member and presenter for the International Technology Education Center to Advance the Teaching of Technology (CATTS) and Science Professional Development Training Program	1998
Selected and participated in the Technical Foundation of America's Tour of China	1998
Selected as a participant in the Graphic Arts education and Research Fund/Graphic Arts Technical Foundation Teacher Conference	1998
Member of the National Nominations Committee for the Outstanding Young Men of America Awards	1996 and 1998
Member of the National Nominations Committee for the Outstanding Young Women of America Awards	1997
International Who’s Who of Professionals	1997
Selected as a participant in the Clemson University Division of Computing and Information Technology Multimedia Authoring Workshop	1997
Nominated for the Outstanding Teaching Utilizing Mediated Instruction Award for the College of Education, Fort Hays State University	1996
Selected to participate in National Leadership Institute on Technology Education sponsored by the Technical Foundation of America	1995

Who's Who in American Education	1995
Who's Who Among Young American Professionals	1991 - 1993
Outstanding Young Men of America (OYMA)	1992
Nominated for the Fort Hays State University Outstanding Faculty Pilot Award (Senior Students Nominate Outstanding Faculty)	1982, 1989, 1991, & 1992
Distinguished Advisor Award International Technology Education Association - Technology Education Collegiate Association (ITEA / TECA)	1989 and 1991
Fort Hays State University Sabbatical Leave	Spring 1991
The National Dean's List	1984 - 1985
Selected to attend the National Leadership Institute Technology Education, Ypsilanti, Michigan	1985

Community

Selected as member of the Intercultural Dialogue Study Exchange to Turkey	2012
Awarded the Sunflower Girl Scout Council "Couple of the Year" with wife	1991 & 1996
Selected as member of the Rotary International Group Study Exchange to India for six weeks	1991

Undergraduate

Honor Athlete, FHSU	1977
Dean's Honor Roll, FHSU	1974 - 1977
Initiated into Epsilon Pi Tau	1976

Graduate

Honors Graduate - Excellence in Scholarship Award, Pittsburg State University, Pittsburg, KS	1984
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Initiated into Phi Kappa Phi

1979